November 15, 1966

TECHNICAL TRANSLATIONS

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UNIVERSITY OF LOUISVILLE

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November 15, 1966 Volume 16, Number 9

TECHNICAL TRANSLATIONS

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FORMAT

This journal is separated into five sections:

(1) Bibliographic citations are divided into 22 major fields; they are further subdivided alphanumerically under 178 groups. References to sources of original text are given as they appear on the translation, with sufficient editing to assure uniformity in citations.

(2) Translations in Process lists titles of translations being prepared by government and private sources. All Special Foreign Currency Science Information (SFCSI) Program translations are listed (formerly PL 480 Program).

(3) Translated or Abstracted Publications lists titles of approximately 190 technical and scientific periodicals regularly translated into English. Included is a cross reference by English title.

(4) Translated Tables of Contents of recent issues of monographs, journals, and journal sections; they are preceded by a list of the English titles of the publications from which they are taken.

(5) Indexes: three indexes are arranged by author, journal and number.

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01 AERONAUTICS

A. Aerodynamics

TT-66-13371 Field 1A

Bulakh, B. M.
ON THE TRANSONIC CHARACTER OF THE HYPERSONIC GAS FLOW OVER BLUNT BODIES (O Transvukovom Kharactere Obtekaniya Tuponosykh tel Giperzvukovym Potokom Gaza). 22p, 7refs.
Order from SLA: $2.60 as TT-66-13371

Trans. from mono. Transvukove Techeniya Gaza. Sbornik Statei, n. p., 1964.
Transonic Gas Flows. Collection of Works presented at the Symposium held at the Saratov Univ., ed. by S. V. Falkovich.

TT-66-23812 Field 1A

Urlin, V. D.
FUSION AT ULTRA HIGH PRESSURES IN SHOCK WAVE (Plavlenie pri Sverkhvysokikh Davleniyakh, Poluchennykh v Udarnoi Volne). 15p. CSIR-tr.552.
Order from CSIR as CSIR-tr.552

Trans. of Zhurnal Eksperimentalnoi i Teoreticheskoi i Fiziki (USSR) v49 n2 p485-92 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

B. Aeronautics

TT-66-33770 Field 1B, 13-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: ENGINEERING AND EQUIPMENT NO. 44. 30 Aug 66, 20p. JPRS-37341.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33770

TT-66-33865 Field 1B, 5C, 11I

EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 466. Sep 66, 16p. JPRS-37437.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33865.

C. Aircraft

TT-66-34098 Field 1C, 13J, 13F

USSR TRANSPORTATION: TRANSLATIONS NO. 139. 19 Sep 66, 43p. JPRS-37670.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34098

02 AGRICULTURE

TT-66-32774 Field 2-, 4B, 5A, 6-

COMMUNIST CHINA DIGEST NO. 170. 7 Jul 66, 132p. JPRS-36342.
Order from CFSTI or ETC: HC$4.00, MF$1.00
as TT-66-32774

TT-66-33536 Field 2-

TRANSLATIONS ON USSR AGRICULTURE NO. 144. 18 Aug 66, 16p. JPRS-37107.
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TT-66-33574 Field 2-

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 468. 22 Aug 66, 27p. JPRS-37145.
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as TT-66-33574

TT-66-33620 Field 2-, 8H

USSR AGRICULTURE: TRANSLATIONS NO. 146. 24 Aug 66, 31p. JPRS-37191.
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as TT-66-33620

TT-66-33621 Field 2-, 5C

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 469. 24 Aug 66, 22p. JPRS-37192.
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as TT-66-33621

TT-66-33693 Field 2-

USSR AGRICULTURE: TRANSLATIONS NO. 147. 26 Aug 66, 13p. JPRS-37264.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-33716 Field 2-

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 471. 29 Aug 66, 48p. JPRS-37287.
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TT-66-33730 Field 2-

USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 11. 29 Aug 66, 25p. JPRS-37301.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33730

TT-66-33737 Field 2-, 8M

Botzan, M.; Bally, R. J.
RUMANIAN RESEARCH IN SOIL AND LAND UTILIZATION. 29 Aug 66, 10p. JPRS-37308.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33737

Trans. of Stiinta Solului (Rumania) v4 n2 p4-11 1966.

TT-66-33751 Field 2-

USSR AGRICULTURE: TRANSLATIONS NO. 148. 30 Aug 66, 40p. JPRS-37322.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33751

TT-66-33836 Field 2-

Muresan, T.
SCIENTIFIC CULTIVATION OF AGRICULTURAL PLANTS. 2 Sep 66, 13p. JPRS-37408.
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as TT-66-33836

Trans. of Probleme Agricole (Rumania) n5 p4-13 1966.

TT-66-33847 Field 2-

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USSR AGRICULTURE: TRANSLATIONS NO. 150. Agricultural Procurement in the New Five Year Plan. 7 Sep 66, 8p. JPRS-37460.
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TT-66-33934 Field 2-

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 473. 9 Sep 66, 21p. JPRS-37506.
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TT-66-33970 Field 2-, 5C

USSR AGRICULTURE: TRANSLATIONS NO. 152. 12 Sep 66, 36p. JPRS-37542.
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TT-66-33975 Field 2-

USSR AGRICULTURE: TRANSLATIONS NO. 153. 12 Sep 66, 49p. JPRS-37547.
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as TT-66-33975

A. Agricultural chemistry

TT-65-25353 Field 2A

Galstyan, A. Sh.; Tatevosyan, G. S.
ENZYMATIC ACTIVITY AS AN INDEX OF SOIL TYPES. 13 Oct 65, 6p, 4refs.
Order from ETC: $1.10 as TT-65-25353

Trans. of mono. Fizika, Khimiya, Biologiya 1 Mineralogiya Pochv SSSR. Mezhdunarodnyi Kongress Pochvovedov (n8) Doklady, Bucarest, 1964 p266-73.

TT-66-33778 Field 2A, 2D, 5D, 5K, 15C

CUBA: TRANSLATIONS NO. 475. 30 Aug 66, 94p. JPRS-37349.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-33778

TT-66-33806 Field 2A, 2B, 2C

USSR AGRICULTURE: TRANSLATIONS NO. 149. 1 Sep 66, 29p. JPRS-37377.
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TT-66-33890 Field 2A, 2B, 2C, 5D, 5K, 15D

CUBA: TRANSLATIONS NO. 479. 7 Sep 66, 48p. JPRS-37462.
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TT-66-33897 Field 2A, 2B, 2E, 2F

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as TT-66-33897

B. Agricultural economics

TT-66-32610 Field 2B, 6H, 13J, 2F

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 448. 24 Jun 66, 46p, refs. JPRS-36176.
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as TT-66-32610

TT-66-32817 Field 2B, 6H

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 452. 8 Jul 66, 59p. JPRS-36385.
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TT-66-33615 Field 2B, 5D, 8H

USSR AGRICULTURE: TRANSLATIONS NO. 145. 24 Aug 66, 22p. JPRS-37186.
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EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 470. 26 Aug 66, 44p. JPRS-37252.
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TT-66-33768 Field 2B, 2C, 2D, 2E, 15C, 15G, 5D, 5K

CUBA: TRANSLATIONS NO. 474. 30 Aug 66, 86p. JPRS-37339.
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TT-66-33846 Field 2B, 5D, 5C, 5K

NORTH KOREA: TRANSLATIONS NO. 9. 2 Sep 66, 57p. JPRS-37418.
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TT-66-34062 Field 2B

EAST EUROPEAN AGRICULTURE, FORESTRY, AND FOOD INDUSTRIES: TRANSLATIONS NO. 475. 15 Sep 66, 10p. JPRS-37634.
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C. Agricultural engineering

TT-65-23758 Field 2C

Antipin, V. G.
DETERMINATION OF THROUGHPUT OF COMBINE-HARVESTERS (Opredelenie Propusknoi Sposobnosti Zernouborochnykh Kombainov). Tr. by W. J. T. Horton. 17 Nov 65, 6p, 2refs. NIAE-tr-173.
Order from NIAE: 3s 6d as NIAE-tr-173

Trans. of Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Selskogo Khozyaistva (USSR) v21 n1 p14-7 1963.

TT-65-25340 Field 2C

Slavkovic, B.
SELECTION OF WORKING SPEED FOR COMBINE-HARVESTING (Izbor Radne Brzine pri Kombajniranju). Tr. by E. Harris. 9 Dec 65, 7p. as NIAE-tr.176.
Order from NIAE: 5s 0d as NIAE-tr.176

Trans. of Poljoprivredna Tehnika (Yugoslavia) v2 n2 p31-7 1964.

TT-65-25341 Field 2C

Koshman, V. N.
REDUCING LOW FREQUENCY VIBRATIONS, ACTING ON THE TRACTOR DRIVER (Snizhenie Nizkochastotnykh Kolebanii, Deistvuyushchikh na Traktorista). Tr. by P. J. Kemp. 20 Dec 65, 5refs. NIAE-tr.177.
Order from NIAE: 4s Od as NIAE-tr.177

Trans. of Traktory i Selkhozmashiny (USSR) v35 n4 p3-6 1965.

TT-65-25342 Field 2C

Okorokov, I. F.; Perstnev, S. N.; Tartakovskii, I. I.
ON THE THEORY OF VIBRATIONAL THRESHING (K Teorii Vibratsionnogo Obmolota). Tr. by P. J. Kemp. 7 Dec 65, 2p, 5refs. NIAE-tr.174.
Order from NIAE: 3s 6d as NIAE-tr.174

Trans. of Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Selskogo Khozyaistva (USSR) v20 n2 p32-3 1962.

TT-66-20381 Field 2C, 2B

Hora, O.
MEANS OF INCREASING THE EFFECTIVENESS OF COMBINE-HARVESTERS (Cesta k Zvyseni Efektivnosti Sklizecich Mlaticek). Tr. by E. Harris. 24 May 66, 15p, 4refs. NIAE-tr.196.
Order from NIAE: 6s 0d as NIAE-tr.196

Trans. of Zemedelska Technika (Czechoslovakia) v10 n4 p151-62 1964.

TT-66-21834 Field 2C

Smirnov; Dyachenko.
INVESTIGATION OF THE GEOMETRY AND MODE OF OPERATION OF OSCILLATING TINES ON CULTIVATORS AT INCREASED SPEEDS (Issledovanie Geometrii i Rezhimov Raboty Aktivno Deistvuyushchikh Lap Kultivatorov na Novyshennykh Skorostyaky). Tr. by W. J. T. Horton. 24 Feb 66, 8p. NIAE-tr.180.
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Trans. of Traktory i Selkhozmashiny (USSR) v34 n6 p24-7 1964.

TT-66-21835 Field 2C

Vernyaev, O. V.
POWERED CULTIVATOR TOOLS (Aktivnye Rabochie Organy Kultivatora). Tr. by P. J. Kemp. 21 Mar 66, 7p, 11refs. NIAE-tr.178.
Order from CSIR: 4s 6d as NIAE-tr.178

Trans. of Traktory i Selkhozmashiny (USSR) v29 p22-5 1959.

TT-66-21836 Field 2C

Dubrovskii, A. A.
THE USE OF OSCILLATION TECHNIQUES FOR IMPROVING AGRICULTURAL TECHNOLOGICAL PROCESSES (Primenenie Vibratsionnoi Tekhniki Dlya Intensifikatsii s.-kh. Tekhnologicheskikh Protsessov). Tr. by P. J. Kemp, 21 Mar 66, 7p. NIAE-tr.190.
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Trans. of Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Selskogo Khozyaistva (USSR) v20 n2 p29-32 1962.

TT-66-21837 Field 2C

Krasheninnikov, S. N.
INVESTIGATION OF THE SEPARATION OF POTATO TUBERS FROM SOIL CLODS AND STONES BY MEANS OF AN AIR STREAM (Issledovanie Separatsii Klubnei Kartofelya ot Komkov Pochvy i Kamnei s Pomoschyu Potoka Vozdukha). Tr. by E. Harris. 29 Mar 66, 3p. NIAE-tr.192.
Order from NIAE: 3s 6d as NIAE-tr.192

Trans. of Mekhanizatsiya i Elektrifikatsiya Sotsialisticheskogo Selskogo Khozyaistva (USSR) v20 n6 p38-40 1962.

TT-66-22622 Field 2C

Avtukhov, I. V.
SEPARATION OF POTATOES FROM HARD

CLODS AND STONES IN AIR STREAM (Otdelenie Klubnei Kartofelya ot Prochnyikh Pochvennyikh Komkov i Kamnei Vozdushnym Potokom).
Tr. by P. Kemp. 15 Apr 66, 4p. NIAE-tr-195.
Order from NIAE: 4s 6d as NIAE-tr-195

Trans. of Traktory i Selkhozmashiny (USSR) v30 n6 p22-4 1960.

TT-66-23105 Field 2C

Prihoda, Z.
PLOUGH BODIES FOR HIGH-SPEED OPERATION. (Obrebni Telesa Pro Praci Pri Zvysenych Rychlostech).
Tr. by E. Harris. 25 May 66. 15p. NIAE-tr.193.
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Trans. of Zemedelska Technika (Czechoslovakia) v10 n8 p465-74 1964.

TT-66-33509 Field 2C

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: AGRICULTURAL SCIENCES AND TECHNOLOGY NO. 25. 17 Aug 66, 20p. JPRS-37080.
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TT-66-33740 Field 2C, 5C

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TT-66-33797 Field 2C, 2E, 5A, 5D, 5K

CUBA: TRANSLATIONS NO. 476. 31 Aug 66, 71p. JPRS-37368.
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TT-66-33885 Field 2C

USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 13. Universality and Unification in Agricultural Machines. 7 Sep 66, 7p. JPRS-37457.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33885

D. Agronomy and horticulture

NCH-202 366 (p.667-695) Field 2D, 6C

Tsitsin, N. V.
THE INTENSIFICATION OF AGRICULTURE AND THE ACTIVITY OF BOTANICAL GARDENS OF THE USSR. Aug 65, 29p.
Order from HMSO in NLL Translations Bulletin, v7 n8.

Trans. of Glavnyi Botanicheskii Sad, Pushkinskoe. Byulletin (USSR) n55 p3-16 1964.

TT-65-20549 Field 2D, 2C

Csukas, L.
EXAMINATION OF THE FLOW OF THE CROP WITH COMBINE HARVESTERS WITH SPECIAL RESPECT TO THE POSSIBLE INCREASE OF PERFORMANCE.
Tr. by B. Freed. NIAE-tr.169.
Order from NIAE: 9s 0d as NIAE-tr.169

Trans. of Jarmuvek Mezogazdasagi Gepek (Hungary) v11 n3 p90-7 1964.

TT-65-22212 Field 2D

Balazs, F.
THE IMPROVEMENT OF GRASSLANDS AT ORSEG (HUNGARY) BY LOOSENING OF THE SUBSOIL. 10p.
Order from ETC: $1.10 as TT-65-22212

Trans. of Novenytermeles (Hungary) v11 n1 p3-16 1962.

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Janossy, A.
EVALUATION OF TETRAPLOID RED CLOVER FROM THE POINT OF VIEW OF PLANT BREEDING. 13p.
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Trans. of Novenytermeles (Hungary) v11 n4 p341-54 1962.

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Yamasaki, T.; Yoshizawa, T.
SPECKLES AND CONCRETIONS OF FERROUS CARBONATE ($FeCO_3$) IN PADDY SOILS. PT. I, OCCURRENCE, CONSTITUENTS AND FORMATION OF FERROUS CARBONATE SPECKLES AND CONCRETIONS. 31p, 15refs.
Available on loan from SLA as TT-66-11541

Trans. of Hokuriku Nogyo Shikenjo Hokoku (Japan) n2 p1-16 1961.

TT-66-13362 Field 2D

Ueki, S.; Yokowatari, S.; Yuasa, M.; Suzuki, M.
EFFECT OF CHEMICAL CONTROL BY THE MUZZLE JET AGAINST THE 1ST GENERATION OF RICE STEM BORER. 10p (foreign text included).
Order from SLA: $1.10 as TT-66-13362

Trans. of Hokuriku Byogaichu Kenkyo Kaiho (Japan) n12 p57-8 1964.

TT-66-13363 Field 2D

Hirohara, M.
ON THE SECONDARY EFFECT OF GREAT-SPHARE AERIAL DUSTING AGAINST THE 1ST GENERATION LARVAE OF RICE STEM BORER. 5p.
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Trans. of Kanto Tosan Byogaityu Kenkyukai Nenpo (Japan) n11 p59-60 1964.

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Tomioka, Y.; Okuyama, S.
ON THE DAMAGE ASPECT OF RICE STEM BORER IN HOKKAIDO. 5p.
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Trans. of Kita-Nihon Byogaityu Kenkyukai Nenpo (Japan) v15 p86-7 1964.

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Funabasama, K.
ON THE OCCURRENCE OF THE 2ND GENERATION OF RICE STEM BORER AND ITS DAMAGE. 6p.
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Trans. of Kita-Nihon Byogaityu Kenkyukai Nenpo (Japan) v15 p82-3 1964.

TT-66-13367 Field 2D

Iwata, I.; Baba, I.
STUDIES ON THE VARIETAL ADAPTABILITY FOR HEAVY MANURING IN RICE. 2. EFFECTS OF SILICA UPON THE ADAPTABILITY OF RICE PLANTS FOR HEAVY MANURING IN RELATION TO PHOTOSYNTHESIS. 10p (figs tables omitted) 13refs.
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Trans. of Nihon Sakumotsu Gakkai Kiji (Japan) v30 p237-40 1962.

TT-66-33662 Field 2D, 4B

COMMUNIST CHINA: SCIENCE AND TECHNOLOGY TRANSLATIONS NO. 338. Some Characteristic Features of Chinese Climate and Their Effects on Crop Production. 25 Aug 66, 19p. JPRS-37233.
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TT-66-33726 Field 2D

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: AGRICULTURAL SCIENCES AND TECHNOLOGY NO. 26. Chinese Agricultural Science. 29 Aug 66, 19p. JPRS-37297.
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TT-66-33772 Field 2D

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: AGRICULTURAL SCIENCES AND TECHNOLOGY NO. 27. Acta Horticulturalia Sinica. 30 Aug 66, 13p. JPRS-37343.
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TT-66-34030 Field 2D

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: AGRICULTURAL SCIENCES AND TECHNOLOGY NO. 30. 14 Sep 66, 23p. JPRS-37602.
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E. Animal husbandry

TT-65-22581 Field 2E

Hajdu, S.
THE COMPLEMENT FIXATION TEST WITH AN ANTIGEN PREPARED FROM BRUCELLOID ORGANISMS, AND THE RESULTS ACHIEVED IN SHEEP AND GOAT FLOCKS (Komplementfixacny Test s Antigenom Pripravnym zo Zaradkov Podobnych Bruceloznym a Nim Dosiahnute Vysledky v Ovcich a Kozich Stadach). 3p.
CSIR-tr.468.
Order from CSIR: $1.10 as CSIR-tr.468

Trans. of Veterinarni Medicina (Czechoslovakia) v37 n9 p222 1964.

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03 ASTRONOMY AND ASTROPHYSICS

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TT-66-33817 Field 5C, 5D

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 22. 1 Sep 66, 33p. JPRS-37388.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33817

TT-66-33823 Field 5C

USSR INTERNATIONAL ECONOMIC RELATIONS NO. 66. 1 Sep 66, 34p, refs. JPRS-37394.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33823

TT-66-33825 Field 5C, 5D, 17B

ECONOMIC AND GEOGRAPHIC TRANSLATIONS ON LATIN AMERICA NO. 46. 1 Sep 66, 18p. JPRS-37396.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33825

TT-66-33827 Field 5C

PRAVDA EDITORIALS (29 AUG 66): TRANSLATIONS NO. 676. 1 Sep 66, 4p. JPRS-37399.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33827

TT-66-33837 Field 5C, 16D, 5D

NORTH VIETNAM: TRANSLATIONS NO. 25. 2 Sep 66, 18p. JPRS-37409.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33837

TT-66-33839 Field 5C, 5D, 5K

NORTH KOREA: TRANSLATIONS NO. 8. 2 Sep 66, 23p. JPRS-37411.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33839

TT-66-33862 Field 5C, 5D, 2B

AFRICA: TRANSLATIONS NO. 428. 6 Sep 66, 25p. JPRS-37434.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33862

TT-66-33863 Field 5C, 5D, 2E

BULGARIAN PROVINCIAL PRESS (16-30 JUN 66): SUMMARY NO. 261. 6 Sep 66, 16p. JPRS-37435.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33863

TT-66-33869 Field 5C

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 601. 6 Sep 66, 45p. JPRS-37441.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33869

TT-66-33871 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 23. 6 Sep 66, 31p. JPRS-37443.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33871

TT-66-33873 Field 5C

USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 134. 6 Sep 66, 40p. JPRS-37445.
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as TT-66-33873

TT-66-33875 Field 5C,

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 602. 6 Sep 66, 49p, refs. JPRS-37447.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33875

TT-66-33878 Field 5C, 6H

USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 135. 6 Sep 66, 21p. JPRS-37450.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33878

TT-66-33884 Field 5C

Sopivskii, N.; Komissarov, V.
USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 16. Overall Approach to Layout of Industrial Parks. 7 Sep 66, 8p. JPRS-37456.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33884

Trans. of Narodnoe Khozyaistvo Kazakhstana (USSR) v24 n5 p49-52 1966.

TT-66-33886 Field 5C

USSR ECONOMY AND INDUSTRY: GENERAL INFORMATION NO. 24. 7 Sep 66, 15p. JPRS-37458.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33886

TT-66-33919 Field 5C, 2C, 13F

USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 14. 8 Sep 66, 11p. JPRS-37491.
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as TT-66-33919

TT-66-33928 Field 5C, 5K

PRAVDA EDITORIALS (2, 6 SEP 66): TRANSLATIONS NO. 680. 8 Sep 66, 8p. JPRS-37500.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33928

TT-66-33932 Field 5C, 13F, 2C

USSR INDUSTRIAL DEVELOPMENT: AUTOMOTIVE AND TRACTOR INDUSTRY NO. 15. 9 Sep 66, 17p. JPRS-37504.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33932

TT-66-33959 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 292. 12 Sep 66, 57p, refs. JPRS-37531.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-33959

TT-66-33963 Field 5C

USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 136. 12 Sep 66, 34p. JPRS-37535.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33963

TT-66-33976 Field 5C, 13F

USSR INTERNATIONAL ECONOMIC RELATIONS NO. 67. 12 Sep 66, 38p. JPRS-37548.
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as TT-66-33976

TT-66-33977 Field 5C

USSR INTERNATIONAL ECONOMIC RELATIONS NO. 68. 12 Sep 66, 14p. JPRS-37549.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33977

TT-66-33989 Field 5C, 9B, 11F, 2-

USSR ECONOMY AND INDUSTRY: CURRENT DEVELOPMENTS NO. 11. 13 Sep 66, 50p. JPRS-37561.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33989

TT-66-34006 Field 5C, 13F

USSR INTERNATIONAL ECONOMIC RELATIONS NO. 69. 13 Sep 66, 26p. JPRS-37578.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34006

TT-66-34009 Field 5C

EAST EUROPEAN HEAVY INDSUTRY: TRANSLATIONS NO. 289. 13 Sep 66, 72p. JPRS-37581.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34009

TT-66-34010 Field 5C, 8F

ECONOMIC AND GEOGRAPHIC TRANSLATIONS ON LATIN AMERICA NO. 48. 13 Sep 66, 18p. JPRS-37582.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34010

TT-66-34039 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 293. 14 Sep 66, 23p. JPRS-37611.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34039

TT-66-34063 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 294. 13 Sep 66, 14p. JPRS-37635.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34063

TT-66-34070 Field 5C, 5D, 5K

CUBA: TRANSLATIONS NO. 484. 15 Sep 66, 77p. JPRS-37642.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34070

TT-66-34076 Field 5C, 2E

ECONOMIC AND GEOGRAPHIC TRANSLATIONS ON LATIN AMERICA NO. 49. 15 Sep 66, 15p. JPRS-37648.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34076

TT-66-34099 Field 5C, 5I

USSR CONSUMER GOODS AND DOMESTIC TRADE: TRANSLATIONS NO. 137. 19 Sep 66, 16p. JPRS-37671.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34099

TT-66-34100 Field 5C, 5I, 5D

ALBANIA: PRESS INFORMATION REPORT NO. 185. 19 Sep 66, 21p. JPRS-37672.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34100

TT-66-34101 Field 5C, 5D, 5K

BULGARIAN PROVINCIAL PRESS (1-31 JUL 1966): SUMMARY NO. 262. 19 Sep 66, 30p. JPRS-37673.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34101

TT-66-34105 Field 5C, 5I

AFRICA: TRANSLATIONS NO. 433. 19 Sep 66, 19p. JPRS-37677.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34105

TT-66-34108 Field 5C, 7A

USSR INDUSTRIAL DEVELOPMENT: CHEMICAL INDUSTRY AND MACHINERY NO. 12. 19 Sep 66, 15p. JPRS-37680.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34108

TT-66-34120 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 295. 19 Sep 66, 15p. JPRS-37692.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34120

TT-66-34121 Field 5C

EAST EUROPEAN FOREIGN TRADE: TRANSLATIONS NO. 296. 19 Sep 66, 28p. JPRS-37693.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34121

D. History, law and political science

TT-65-32723 Field 5D

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 316. 4 Oct 66, 31p. JPRS-32233.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-65-32723

TT-65-32985 Field 5D, 5C, 5K

AFRICA: TRANSLATIONS NO. 275. 21 Oct 65, 59p. JPRS-32506.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-65-32985

TT-66-30143 Field 5D, 5C, 5I, 6E, 6I, 6C

RED FLAG, NO. 13 1965: TRANSLATIONS NO. 17. 11 Jan 66, 87p. JPRS-33699.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-30143

Trans. of Hung.Ch'i (Chinese People's Republic) n13 p1-47 1965.

TT-66-32564 Field 5D, 5C, 5K

POLISH PROVINCIAL PRESS (7-13 JUN 66): SUMMARY NO. 450. 23 Jun 66, 36p. JPRS-36130.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32564

TT-66-32606 Field 5D, 5K, 5C, 5I

AFRICA: TRANSLATIONS NO. 387. 24 Jun 66, 144p, refs. JPRS-36172.
Order from CFSTI or ETC: HC$4.00, MF$1.00
as TT-66-32606

TT-66-32804 Field 5D, 6E, 5I, 5C

AFRICA: TRANSLATIONS NO. 394. 8 Jul 66, 64p. JPRS-36372.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-32804

TT-66-32947 Field 5D, 5C, 5I

CUBA: TRANSLATIONS NO. 448. 15 Jul 66, 35p. JPRS-36515.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-32947

TT-66-33228 Field 5D

NEAR EAST: TRANSLATIONS NO. 12. 3 Aug 66, 31p. JPRS-36798.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33228

TT-66-33282 Field 5D

RESOLUTION OF HUNGARIAN ACADEMY OF SCIENCES ON INTERNATIONAL RELATIONS. 4 Aug 66, 9p. JPRS-36852.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33282

Trans. of Magyar Tudomanyos Akademia. Akademiai Kozlony (USSR) v15 n6 p41-4 1966.

TT-66-33426 Field 5D, 5C

SOUTH AND EAST ASIA: TRANSLATIONS NO. 125. 15 Aug 66, 24p. JPRS-36996.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33426

TT-66-33431 Field 5D, 5I, 5J, 5K

NORTH KOREA: TRANSLATIONS NO. 3. 15 Aug 66, 29p. JPRS-37001.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33431

TT-66-33434 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENT: TRANSLATIONS NO. 869. 15 Aug 66, 21p. JPRS-37004.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33434

TT-66-33435 Field 5D, 5C

RUMANIAN PROVINCIAL PRESS (24 MAY - 19 JUN 66): SUMMARY NO. 353. 15 Aug 66, 35p. JPRS-37005.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33435

TT-66-33438 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENT: TRANSLATIONS NO. 870. 15 Aug 66, 34p. JPRS-37008.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33438

TT-66-33499 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 871. 17 Aug 66, 203p. JPRS-37070.
Order from CFSTI or ETC: HC$6.00, MF$1.25
as TT-66-33499

TT-66-33503 Field 5D

Gabelic, A.
A YUGOSLAV ANALYSIS OF NATO AND THE WARSAW PACT. 17 Aug 66, 5p. JPRS-37074.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33503

Trans. of Narodna Armiya (Bulgaria) 17 Jun p12 1966.

TT-66-33507 Field 5D, 5I

AFRICA: TRANSLATIONS NO. 416. 17 Aug 66, 67p. JPRS-37078.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-33507

TT-66-33508 Field 5D, 5C, 5K

PRESS INFORMATION REPORT ON IRAN NO. 6. 17 Aug 66, 45p. JPRS-37079.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33508

TT-66-33518 Field 5D

Chong Tai -gu.
MARXISM-LENINISM HAS DEVELOPED THROUGH THE STRUGGLE AGAINST 'LEFT-WING' AND RIGHT-WING OPPORTUNISM. 18 Aug 66, 10p. JPRS-37089.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33518

Trans. from Nodong Sinmun (North Korea) 13 Jul p2 1966.

TT-66-33522 Field 5D, 5C

AFRICA: TRANSLATIONS NO. 417. 18 Aug 66, 26p. JPRS-37093.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33522

TT-66-33523 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 872. 18 Aug 66, 56p. JPRS-37094.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-33523

TT-66-33524 Field 5D, 5C, 5I

CUBA: TRANSLATIONS NO. 469. 18 Aug 66, 141p. JPRS-37095.
Order from CFSTI or ETC: HC$4.00, MF$1.00
as TT-66-33524

TT-66-33526 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 873. 18 Aug 66, 39p. JPRS-37097.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33526

TT-66-33528 Field 5D, 15C

COMMUNIST CHINA: POLITICAL AND SOCIOLOGICAL TRANSLATIONS NO. 366. What are the Dangers of a Sino-American War). 18 Aug 66, 19p. JPRS-37099.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33528

TT-66-33538 Field 5D, 5C

ECONOMIC ORGANIZATION AND MANAGEMENT IN EASTERN EUROPE: TRANSLATIONS NO. 596. 18 Aug 66, 43p. JPRS-37109.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33538

TT-66-33542 Field 5D, 5K

SOUTH AND EAST ASIA (INDONESIA): TRANSLATIONS NO. 126. 19 Aug 66, 18p. JPRS-37113.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33542

TT-66-33553 Field 5D, 5C, 5K

CZECHOSLOVAKIAN PROVINCIAL PRESS (14 FEB, 19 JUN 1966): SUMMARY NO. 367. 19 Aug 66, 21p. JPRS-37124.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33553

TT-66-33555 Field 5D, 5F

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 874. 19 Aug 66, 66p. JPRS-37126.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-33555

TT-66-33560 Field 5D

Sheinis, Z.
THE ACTIVITIES OF MAKSIM LITVINOV AS AN 'ISKRA' AGENT. 19 Aug 66, 9p. JPRS-37131.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33560

Trans. of Nauka i Zhizn (USSR) n6 p22-5 1966.

TT-66-33562 Field 5D, 5C

Gasratyan, M. A.
A SOVIET VIEW OF CONTEMPORARY TURKEY. 19 Aug 66, 57p. JPRS-37133.
Order from CFSTI or ETC: HC$3.00, MF$0.50

as TT-66-33562

Trans. of mono. Sovremennaya Turtaiya, Moscow, 1965 p149-203, 226-41.

TT-66-33572 Field 5D, 5C, 5K

CUBA: TRANSLATIONS NO. 470. 22 Aug 66, 85p. JPRS-37143.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-33572

TT-66-33589 Field 5D, 5C

LA STAMPA AND LA STAMPA SERA (18-24 JUL 1966): INDEX NO. 325. 22 Aug 66, 7p. JPRS-37160.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33589

TT-66-33590 Field 5D, 5C, 5K, 2-

COMMUNIST CHINA DIGEST NO. 173. 22 Aug 66, 155p. JPRS-37161.
Order from CFSTI or ETC: HC$5.00, MF$1.00
as TT-66-33590

TT-66-33597 Field 5D, 5C

LA STAMPA AND LA STAMPA SERA (25-31 JUL 1966): INDEX NO. 326. 22 Aug 66, 10p. JPRS-37168.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33597

TT-66-33598 Field 5D, 5C, 5K

CUBA: TRANSLATIONS NO. 471. 22 Aug 66, 23p. JPRS-37169.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33598

TT-66-33622 Field 5D, 15E

NORTH VIETNAM: TRANSLATIONS NO. 23. 24 Aug 66, 18p. JPRS-37193.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33622

TT-66-33623 Field 5D, 5C

AFRICA: TRANSLATIONS NO. 420. 24 Aug 66, 45p. JPRS-37194.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33623

TT-66-33624 Field 5D, 5C, 5K

POLISH PROVINCIAL PRESS (9 - 15 AUG 66): SUMMARY NO. 459. 24 Aug 66, 45p. JPRS-37195.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33624

TT-66-33625 Field 5D, 5K

SOUTH AND EAST ASIA: TRANSLATIONS NO. 127. Cambodia. 24 Aug 66, 26p. JPRS-37196.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33625

TT-66-33626 Field 5D, 5C

NEAR EAST: TRANSLATIONS NO. 19 Israel. 24 Aug 66, 42p. JPRS-37197.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33626

TT-66-33627 Field 5D, 5C

STAMPA AND LA STAMPA SERA (1 - 7 AUG 66): INDEX NO. 327. 24 Aug 66, 8p. JPRS-37198.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33627

TT-66-33628 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 875. 24 Aug 66, 35p. JPRS-37199.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33628

TT-66-33641 Field 5D

LE MONDE (2 JUL - 1 AUG 1966): INDEX NO. 75. 24 Aug 66, 32p. JPRS-37212.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33641

TT-66-33643 Field 5D

PRAVDA EDITORIALS (21 AUG 1966): TRANSLATIONS NO. 670. 24 Aug 66, 4p. JPRS-37214.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33643

TT-66-33678 Field 5D

NORTH VIETNAM: TRANSLATIONS NO. 24. Nguyen Pha Nho--A Spaniard in Vietnam. 25 Aug 66, 4p. JPRS-37249.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33678

TT-66-33682 Field 5D, 5C, 5K

HUNGARIAN PROVINCIAL PRESS (1, 3, 7 JUN 1966): SUMMARY NO. 416. 26 Aug 66, 16p. JPRS-37253.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33682

TT-66-33702 Field 5D

AFRICA: TRANSLATIONS NO. 423. 29 Aug 66, 35p. JPRS-37273.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33702

TT-66-33715 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 225. 29 Aug 66, 30p. JPRS-37286.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33715

TT-66-33719 Field 5D

AFRICA: TRANSLATIONS NO. 424. 29 Aug 66, 41p. JPRS-37290.

Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33719

TT-66-33727 Field 5D, 5C, 5I, 15G

STUDIES, NO. 7, 1966. 29 Aug 66, 104p. JPRS-37298.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-33727

Trans. of Hoc Tap (North Vietnam) n7 p22-107 1966.

TT-66-33732 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 876. 29 Aug 66, 80p. JPRS-37303.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-33732

TT-66-33745 Field 5D

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 226. 30 Aug 66, 58p. JPRS-37316.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-33745

TT-66-33762 Field 5D, 5C, 2A, 13B

BULGARIAN PROVINCIAL PRESS (1-15 MAY 1966): SUMMARY NO. 258. 30 Aug 66, 21p. JPRS-37333.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33762

TT-66-33763 Field 5D, 5C

RUMANIAN PROVINCIAL PRESS (26 JUN - 6 JUL 66): SUMMARY NO. 355. 30 Aug 66, 22p. JPRS-37334.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33763

TT-66-33766 Field 5D, 5C, 5K

CZECHOSLOVAKIAN PROVINCIAL PRESS (28 JUN - 3 JUL 66): SUMMARY NO. 368.
30 Aug 66, 20p. JPRS-37337.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33766

TT-66-33791 Field 5D

Engfeldt, L. G.
SWEDISH RESEARCH IN SOVIET LEGAL TERMINOLOGY.
31 Aug 66, 7p. JPRS-37362.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33791

Trans. from Svenska Dagbladet, 9 Jul 1966.

TT-66-33792 Field 5D

Hogstedt, C.
INDONESIA'S POLITICAL HISTORY AND 1 OCTOBER COUP-- A SWEDISH LEFTIST VIEW. 31 Aug 66, 19p.
JPRS-37363.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33792

Trans. from Tidsignal (Sweden) 15-21 Jun p4-5; 22-28 Jun p12-4; 5 Jul p4-5 1966.

TT-66-33793 Field 5D

Joson.
FORMER SWEDISH COMMUNIST PARTY CHAIRMAN PUBLISHES BOOK. 31 Aug 66, 7p. JPRS-37364.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33793

Trans. from Dagens Nyheter (Sweden) 22 Jul p1, 14 1966.

TT-66-33795 Field 5D, 5C, 5K

POLISH PROVINCIAL PRESS (16-22 AUG 66): SUMMARY NO. 460. 31 Aug 66, 43p. JPRS-37366.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33795

TT-66-33798 Field 5D

Tsvirkunov, A.
SOVIET CLERGYMAN ATTACKS U. S. ACTION IN DOMINICAN REPUBLIC. 31 Aug 66, 5p. JPRS-37369.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of Zhurnal Moskovskoi Patriarkhii (USSR) n4 p35-6 1966.

TT-66-33799 Field 5D, 5C

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Order from CFSTI or ETC: HC$5.00, MF$1.00
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TT-66-33808 Field 5D

Mgoi, Sh. K.
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Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of mono. Krdakan Azgayin Azatagrakan Sharzhumnern Irakum Erkrord Hamashkharhayin Paterazmits Heto, Erevan, 1965 p50-106.

TT-66-33810 Field 5D, 5C, 5I

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Order from CFSTI or ETC: HC$3.00, MF$0.75
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TT-66-33816 Field 5D, 5C

AFRICA: TRANSLATIONS NO. 427. 1 Sep 66, 56p.
JPRS-37387.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-33816

TT-66-33820 Field 5D

SOVIET PRESS MATERIALS ON ARMS CONTROL AND DISARMAMENT NO. 5. 1 Sep 66, 142p. JPRS-37391.
Order from CFSTI or ETC: HC$4.00, MF$1.00
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TT-66-33828 Field 5D, 5J

COMMUNIST CHINA: POLITICAL AND SOCIOLOGICAL TRANSLATIONS NO. 367. 2 Sep 66, 9p. JPRS-37400.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33828

TT-66-33838 Field 5D

NEAR EAST: TRANSLATIONS NO. 23. 2 Sep 66, 65p. JPRS-37410.
Order from CFSTI or ETC: HC$3.00, MF$0.75
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TT-66-33841 Field 5D, 5C, 5K

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TT-66-33850 Field 5D

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Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33850

TT-66-33867 Field 5D, 15F

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 877. 6 Sep 66, 45p. JPRS-37439.
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TT-66-33868 Field 5D, 5K

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as TT-66-33868

TT-66-33874 Field 5D, 5K

IRAN: PRESS INFORMATION NO. 7. 6 Sep 66, 30p. JPRS-37446.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33874

TT-66-33876 Field 5D, 5C, 5K

HUNGARIAN PROVINCIAL PRESS (15-21 JUN 66): SUMMARY NO. 417. 6 Sep 66, 32p. JPRS-37448.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33876

TT-66-33889 Field 5D, 5C

POLITICAL TRANSLATIONS ON EASTERN EUROPE NO. 228. 7 Sep 66, 14p. JPRS-37461.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33889

TT-66-33899 Field 5D, 5C

NEAR EAST: TRANSLATIONS NO. 25. 7 Sep 66, 37p. JPRS-37471.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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TT-66-33905 Field 5D, 5C

LA STAMPA AND LA STAMPA SERA (8-14 AUG 1966): INDEX NO. 328. 7 Sep 66, 7p. JPRS-37477.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33905

TT-66-33906 Field 5D, 5C

LA STAMPA AND LA STAMPA SERA (15-21 AUG 1966): INDEX NO. 329. 7 Sep 66, 7p. JPRS-37478.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33906

TT-66-33938 Field 5D, 5C, 5K

CUBA: TRANSLATIONS NO. 481. 9 Sep 66, 107p. JPRS-37510.
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as TT-66-33938

TT-66-33941 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 879. 9 Sep 66, 140p. JPRS-37513.
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as TT-66-33941

TT-66-34001 Field 5D, 5C, 5I, 5K

AFRICA: TRANSLATIONS NO. 431. 13 Sep 66, 54p. JPRS-37573.
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as TT-66-34001

TT-66-34003 Field 5D, 5C, 5K

CUBA: TRANSLATIONS NO. 482. 13 Sep 66, 40p. JPRS-37575.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34003

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Order from CFSTI or ETC: HC$3.00, MF$0.75
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TT-66-34013 Field 5D

SOVIET LAW AND SOCIAL REGULATIONS: TRANSLATIONS NO. 13. Decisions of the 23rd Party Congress and Tasks of Juridical Science in Uzbekistan. 13 Sep 66, 8p. JPRS-37585.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34013

TT-66-34037 Field 5D, 5F

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as TT-66-34037

TT-66-34040 Field 5D, 5C

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TT-66-34044 Field 5D

INTERNATIONAL COMMUNIST DEVELOPMENTS: TRANSLATIONS NO. 881. 14 Sep 66, 32p. JPRS-37616.
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as TT-66-34044

TT-66-34045 Field 5D, 5C

RUMANIAN PROVINCIAL PRESS (13-28 JUL 1966): SUMMARY NO. 357. 14 Sep 66, 37p. JPRS-37617.
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as TT-66-34045

TT-66-34054 Field 5D, 5K

SOVIET LAW AND SOCIAL REGULATIONS: TRANSLATIONS NO. 14. 15 Sep 66, 24p. JPRS-37626.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34054

TT-66-34061 Field 5D, 5C, 5K

POLISH PROVINCIAL PRESS (30 AUG-5 SEP 66): SUMMARY NO. 462. 15 Sep 66, 44p. JPRS-37633.
Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-34061

TT-66-34071 Field 5D, 5B, 5I, 17B

CUBA: TRANSLATIONS NO. 485. 15 Sep 66, 26p. JPRS-37643.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34071

TT-66-34092 Field 5D, 5K

PRAVDA EDITORIALS (13 SEP 1966): TRANSLATIONS NO. 684. 16 Sep 66, 4p. JPRS-37664.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-34104 Field 5D

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Order from CFSTI or ETC: HC$3.00, MF$0.75
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E. Human factors engineering

TT-66-61454 Field 5E, 6S

Alekperov, S.; Eremin, A.; Stepantsov, V.
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NASA-TT-F-9883; N66-22284.
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Order from SLA: $4.60 as TT-66-13502

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Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-32778

TT-66-33645 Field 5F, 5I

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as TT-66-33645

TT-66-33690 Field 5F

Kogan, M.
DECLINE OF JUDAISM IN MOLDAVIA. 26 Aug 66, 7p. JPRS-37261.
Order from CFSTI or ETC: HC$1.00, MF$0.50

as TT-66-33690

Trans. of Sovetskaya Moldaviya (USSR) 7 Jul p3/4 1966.

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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Chernous, N.
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Order from CFSTI or ETC: HC$1.00, MF$0.50
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Order from CFSTI or ETC: HC$1.00, MF$0.50
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H. Man-machine relations

TT-66-33501 Field 5H, 6D, 9B

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I. Personnel selection, training and evaluation

TT-65-30740 Field 5I, 20K, 2C, 7A, 20B, 6A, 6E

Yeh k'ai-yuan; Yeh K'ai-yuan; Kuo Tsu-yuan; Li T'ai-ch'ien; Hu Li-chih.
COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY TRANSLATIONS NO. 170. 14 Apr 65, 81p, 48refs. JPRS-29597.
Order from CFSTI or ETC: HC$3.00, MF$0.75
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TT-65-31316 Field 5I, 6E, 8G

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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TRAINING OF SPECIALISTS IN METEOROLOGY, HYDROLOGY, AND OCEANOLOGY AT MOSCOW STATE UNIVERSITY. 3 Nov 65, 10p.
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TT-66-33439 Field 5I

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TT-66-33443 Field 5I

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-33559 Field 5I

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LIST OF OFFICERS, MEMBERS, AND NATIONAL REPRESENTATIVES OF THE BULGARIAN CENTRAL COUNCIL OF TRADE UNIONS.
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Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. from Trud, Moscow (USSR) 1 Mar p2 1966 and Otechestven Front (Bulgaria) 13 May p4 1966.

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TT-66-33604 Field 5I, 15C

SOVIET MILITARY TRANSLATIONS NO. 309.
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Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-33750 Field 5I, 5C

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TT-66-33765 Field 5I

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TT-66-33776 Field 5I

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TT-66-33807 Field 5I

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-33971 Field 5I, 5C

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-34032

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TT-66-33055 Field 5K, 5I

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Order from CFSTI or ETC: HC$3.00, MF$0.55 as TT-66-34036

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06 BIOLOGICAL AND MEDICAL SCIENCES

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TT-66-33023 Field 6D, 9B, 13H

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NCH-203 145 Field 6E, 6P, 6C

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TT-66-30685 Field 6E, 6R, 6C

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TT-66-32745 Field 6E, 5I, 6O, 5A

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32745

TT-66-32790 Field 6E, 5I, 6O, 6C

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TT-66-32924 Field 6E, 6O

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TT-66-33034 Field 6E, 5I, 6O

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Order from CFSTI or ETC: HC$4.00, MF$0.75
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TT-66-61478 Field 6E, 6A

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TT-66-61629 Field 6E

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TT-66-61634 Field 6E, 6A

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TT-66-61751 Field 6E, 6M

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CELL STRAINS OBTAINED FROM TUMORS CAUSED BY VIRUS SV40. Tr. by P. DePorte. 1966, 8p, refs. NIH-3-3-66.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50
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Order from CFSTI SLA, or ETC: HC$1.60, MF$0.50
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TT-66-61763 Field 6E

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TT-66-62153 Field 6E

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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F. Environmental biology

TT-66-32786 Field 6F

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INSECTICIDES AND THEIR USE IN MEDICAL PRACTICE, TABLE OF CONTENTS AND CHAPTER 11. 7 Jul 66, 51p. JPRS-36354.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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Trans. of mono. Insektitsidy i Ikh Primenenie v Meditsinskoi Praktike, Moscow, 1965 p3-4, 221-5.

H. Food

NCH-203 965 Field 6H, 13D

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Order from RAPRA: $18.00 as RAPRA-1244

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NCH-205 123 Field 6H

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Order from TC: $19.50 as TC-1882

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TT-66-61507 Field 6H, 6A

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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Order from CFSTI or ETC: HC$1.00, MF$0.50
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I. Hygiene and sanitation

TT-65-33419 Field 6I, 5I

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-33419

Trans. of mono Ustav Vnutrennei Sluzhbi Vooruzhennykh Sil Soyuza, Moscow, 1965 p49-50, 52-4, 69-72, 175-7.

TT-66-33432 Field 6I, 6E, 11E

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33432

TT-66-33801 Field 6I, 6E

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STUDIES OF PUBLIC HEALTH IN TADZHIKISTAN. 1 Sep 66, 14p, 2refs. JPRS-37372.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33801

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J. Industrial (occupational) medicine

NCH-205 135 Field 6J

Modde, H.; Tronnier, H.
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Order from TC: $15.50 as TC-1848

Trans. of Tenside (West Germany) v2 n11 p368-73 1965.

TT-65-33615 Field 6J

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-33615

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TT-66-32936 Field 6J, 5I, 5K

SOCIOLOGICAL TRANSLATIONS ON EASTERN EUROPE NO. 358. 15 Jul 66, 15p. JPRS-36504.
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M. Microbiology

TT-65-64510 Field 6M

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Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-65-64510

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TT-66-12611 Field 6M

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Order from SLA: $1.10 as TT-66-12611

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v258 p4171-3 1964.

TT-66-12621 Field 6M

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Order from SLA: $1.10 as TT-66-12621

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v253 n17 p1880-2 1961.

TT-66-32893 Field 6M, 6P, 6S, 6E, 5I, 6I, 6R

USSR SCIENTIFIC ABSTRACTS: BIO-MEDICAL SCIENCES NO. 22. 13 Jul 66, 95p. JPRS-36461.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-66-32893

TT-66-60946 Field 6M, 6E, 6C

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Order from CFSTI, SLA, or ETC: HC$1.60, MF$0.50 as TT-66-60946

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TT-66-61482 Field 6M

Kagan, G. Ya.; Levashev, V. S.; Komm, S. G.
MORPHOLOGY OF THE L FORMS OF BETA-HEMOLYTIC STREPTOCOCII. PT. II: PECULARITIES OF THE GROWTH AND MULTIPLICATION OF THE L FORMS OF BETA-HEMOLYTIC STREPTOCOCCI. Tr. by P. DePorte. 1966, 9p, refs. NIH-4-28-66.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-66-61482

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TT-66-61484 Field 6M

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CYTOCHEMICAL COMPOSITION OF STABLE L-FORMS OF CERTAIN PATHOGENIC SPECIES OF BACTERIA.
Tr. by Z. Knowles. 1966, 8p, refs. NIH-4-36-66.
Order from CFSTI, SLA, or ETC: HC$1.10, MF$0.50 as TT-66-61484

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TT-66-61761 Field 6M

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THE RESULTS OF THE TYPING OF MONKEY TYPE-M ADENOVIRUSES. 1966, 7p, 2refs. NIH-12-1-65.
Order from CFSTI or ETC: HC$1.10, MF$0.50 as TT-66-61761

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N. Personnel selection and maintenance (medical)

TT-66-33833 Field 6N

Nevraev, G. A.; Olefirenko, V. T.
ALL-UNION CONGRESS OF PHYSIO- AND HEALTH-RESORTS THERAPEUTISTS. 2 Sep 66, 6p. JPRS-37405.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33833

Trans. of Voprosy Kurortologii, Fizioterapii i Lechebnoi Fizicheskoi Kultury (USSR) v31 n1 p89-90 1966.

O. Pharmacology

TT-66-12735 Field 6O

Bobkova, E. V.
INCREASE OF ANTIBIOTIC RESISTANCE OF PROTEUS IN INFECTED WOUNDS AS DEPENDENT ON DOSAGE AND ROUTE OF ADMINISTRATION OF MONOMYCIN. 4p, 4refs.
Order from SLA: $1.10 as TT-66-12735

Trans. of Antibiotiki (USSR) v10 n9 p845-7 1965.

TT-66-12787 Field 6O, 7B

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ACIDIMETRIC DETERMINATION OF LEAD SALTS SPECIAL CONSIDERATION OF OFFICIAL DRUGS. 9p.
Order from SLA: $1.10 as TT-66-12787

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P. Physiology

NCH-203 115 Field 6P, 6C

Tatarinov, L. P.
EVOLUTION OF THE APPARATUS DIVIDING BLOOD STREAMS IN THE VERTEBRATE HEART (Evolyutsiya Apparata Razdeleniya Tokov Krovi v Serdtse Pozvonochnykh). Aug 65, 24p, 26refs. RTS-2685.
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Trans. of Zoologicheskii Zhurnal (USSR) v39 n8 p1218-31 1960.

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Order from SLA: $1.10 as TT-65-13903

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TT-66-12605 Field 6P

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THE LINGUAL THYROID PRESENT THERAPEUTIC ASPECT. Tr. by A. N. Vildzius. 22 Oct 65, 15p, 12refs. NIH-10-18-65.
Order from SLA: $1.60 as TT-66-12605

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Order from SLA: $1.60 as TT-66-12618

Trans. of Archives Francais de Pediatrie, v22 n10 p1183-1200 1965.

TT-66-60624 Field 6P

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GENERATION OF FUNCTION POTENTIALS IN SINGLE RANVIER NODES OF ISOLATED NERVE FIBERS OF FROGS UNDER THE EFFECT OF NICKEL AND CADIUM IONS (Generatsiya Potentsialov Deistviya v Odinochnykh Perekhvatakh Rane Izolirovannykh Nervnykh Volokon Lyagushki pri Deistvii Ionov Nikelia i Kadmiya). Tr. by T. Boldyreff. 1966, 11p (refs figs omitted).
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For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.
Another trans. is available from CFSTI HC$1.00, MF$0.50 in TT-64-41094, 8p.

TT-66-61760 Field 6P

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Order from CFSTI or ETC: HC$2.00, MF$0.50
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07 CHEMISTRY

TT-66-33606 Field 7-

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Order from CFSTI or ETC: HC$4.00, MF$0.75
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TT-66-33632 Field 7-

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-33931 Field 7-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 31. 9 Sep 66, 32p. JPRS-37503.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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TT-66-34025 Field 7-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: CHEMISTRY NO. 32. 14 Sep 66, 14p. JPRS-37597.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-34094 Field 7-

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TT-66-34123 Field 7-

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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A. Chemical engineering

NCH-203 154 Field 7A

Polaczek, L.; Grzeszkiewicz, A.
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Order from NLL as M.5804

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NCH-203 807 Field 7A

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Order from ATS: $8.25 as ATS-45S88R

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NCH-203 972 Field 7A

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NCH-204 721 Field 7A

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NCH-204 789 Field 7A

Takatugu Azumi; Reizo Dohno.
STUDIES ON ION-EXCHANGE DIALYSIS V. EXCHANGE BETWEEN CHLORIDE AND HYDROGEN IONS THROUGH THE ANION-EXCHANGE FILM. 1966, 12p. TC-1571.
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Order from TC: $19.00 as TC-1573

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Order from TC: $21.00 as TC-1574

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NCH-205 071 Field 7A

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1966, 5p. TC-2083.
Order from TC: $5.00 as TC-2083

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NCH-205 115 Field 7A

Magyar, B.
SALT EBULLISCOPY: A NEW METHOD FOR THE DETERMINATION OF THE RELATIVE WEIGHT OF IONS. 1966, 19p. TC-1915.
Order from TC: $16.50 as TC-1915

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NCH-205 118 Field 7A

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A NEW EXPERIMENTAL METHOD FOR INVESTIGATING CAPILLARY STRUCTURE OF ACTIVATED CARBON.
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Order from TC: $14.50 as TC-1886

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Order from TC: $9.50 as TC-1858

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NCH-205 254 Field 7A

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SYNTHESIS OF ETHYLENE OXIDE BY USE OF SILVER-ALUMINUM. 1966, 12p. ATS-72T92J.
Order from ATS: $18.75 as ATS-72T92J.

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NCH-205 258 Field 7A

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Order from ATS: $28.95 as ATS-71T92J

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Order from ATS: $10.45 as ATS-76T91I

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NCH-205 309 Field 7A

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PRODUCTION OF SULFOLANE (HYDROGENATION OF SULFOLENE). 1966, 6p. ATS-48T92R.
Order from ATS: $11.95 as ATS-48T92R

Trans. of Neftekhimiya (USSR) v5 n4 p583-8 1965.

TT-65-20551 Field 7A

Frangulyan, A. M.
THE IMPROVEMENT OF PRIMARY DISTILLATION PROCESSES AND UNITS IN THE U.S.S.R. 13p. MTWL-1368; BPM-Trans.1747.
Order from ETC: $1.60 as TT-65-20551

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TT-65-23426 Field 7A

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INFLUENCE OF SODIUM SULPHIDE ON THE FLOTATION OF CELESTINE AND ANHYDRITE (Vliyanie Sernistogo Natriya na Flotatsiyu Tselestina i Angidrita). 8p. CSIR-507.
Order from CSIR as CSIR-507

Trans. of Akademiya Nauk Tadzhikskoi SSR, Dushanbe. Doklady, v6 n5 p24-7 1963.

TT-66-13160 Field 7A

Mueller, W.; Jonck, P.
MANUFACTURE OF PERCHLORIC ACID BY ANODIC OXIDATION OF CHLORINE (Herstellung von Perchlorsaeure durch Anodische Oxydation von Chlor). 10p, 11refs.
Order from SLA: $1.10 as TT-66-13160

Trans. of Chemie-Ingenieur-Technik (West Germany) v35 n2 p78-80 1963.

TT-66-13243 Field 7A

Marko, L.; Szabo, P.
PRESENT STATE OF DEVELOPMENT AND INDUSTRIAL APPLICATION OF OXO SYNTHESIS. 28p, 71refs.
Order from SLA: $2.60 as TT-66-13243

Trans. of Magyar Kemikusok Lapja (Hungary) v18 n10 p461-9 1963.
Trans. in French is available from ETC and CNRS $1.60 as TT-65-27909, 18p.

TT-66-13256 Field 7A

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OXIDATION OF NORMAL PARAFFINIC HYDROCARBONS WITH ATMOSPHERIC OXYGEN IN AN AQUEOUS ALKALINE MEDIUM. 10p, 15refs.
Order from SLA: $1.10 as TT-66-13256

Trans. of Zhurnal Prikladnoi Khimii (USSR) v38 n3 p627-32 1965.

TT-66-13258 Field 7A

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PRODUCTION AND UTILIZATION OF BUTYL ALCOHOLS AND BUTYRALDEHYDES. 5p, 5refs.
Order from SLA: $1.10 as TT-66-13258

Trans. of Khimicheskaya Promyshlennost (USSR) v 41 n4 p263-4 1965.

TT-66-13405 Field 7A

Zdrojek, T.; Kowalski, J.; Wielgus, Z.; Salmonovicz, K.
STATIC ELECTRICITY IN THE CHEMICAL INDUSTRY. 9p.
Order from SLA: $1.10 as TT-66-13405

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TT-66-13418 Field 7A

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STUDIES ON LONGITUDINAL MIXING IN CONTINUOUS FLOW REACTORS WITH STIRRERS. 13p, 5refs.
Order from SLA: $1.60 as TT-66-13418

Trans. of Kagaku Kogaku (Japan) v21 n12 p784-90 1957.

TT-66-13419 Field 7A

Konoki, K.
THEORY OF THE OPERATION AND DESIGN OF THE MOST EFFECTIVE MULTISTAGE REACTOR. 11p, 2refs.
Order from SLA: $1.60 as TT-66-13419

Trans. of Kagaku Kogaku (Japan) v21 n7 p408-12 1957.

TT-66-13420 Field 7A

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MULTIPLE STAGE REACTOR WITH AN UPPER TEMPERATURE LIMIT. 8p, 1ref.
Order from SLA: $1.10 as TT-66-13420

Trans. of Kagaku Kogaku (Japan) v21 n12 p780-3 1957.

TT-66-13438 Field 7A

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THE CULTURING OF YEASTS IN APPARATUS WITH A SUCTION AGITATOR. 9p, 5refs.
Order from SLA: $1.10 as TT-66-13438

Trans. of Gidroliznaya i Lesokhimicheskaya Promyshlennost (USSR) v17 n7 p7-10 1964.

TT-66-13512 Field 7A

Matz, G.
CRYSTALLIZATION, FREEZING, AND SUBLIMATION. 8p (refs omitted).
Order from SLA: $1.10 as TT-66-13512

Trans. of Fortschritte der Verfahrenstechnik (West Germany) v6 p509-14 1962/1963.
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TT-66-33429 Field 7A, 11E, 11I, 8I

USSR INDUSTRIAL DEVELOPMENT: CHEMICAL INDUSTRY AND MACHINERY NO. 5, 15 Aug 66, 16p. JPRS-36999.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33429

TT-66-33753 Field 7A, 11I, 2A

USSR INDUSTRIAL DEVELOPMENT: CHEMICAL INDUSTRY AND MACHINERY NO. 8. 30 Aug 66, 20p. JPRS-37324.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33753

B. Inorganic chemistry

NCH-205 045 Field 7B

Pylkova, E. V.
METASTABLE EQUILIBRIA IN THE SYSTEM KCl--K2SO4--H2O. 1966, 9p. TC-2109.
Order from TC: $7.00 as TC-2109

Trans. of Zhurnal Neorganicheskoi Khimii (USSR) v10 n7 p1716-22 1965.

NCH-205 305 Field 7B

Mrkva, M.
EFFECT OF ALKALI FERROCYANIDES AND FERRICYANIDES ON THE DETERMINATION OF FREE CYANIDES IN WATER. 1966, 7p. ATS-26T91C.
Order from ATS: $11.85 as ATS-26T91C

Trans. of Vodni Hospodarstvi (Czechoslovakia) v15 n1 p21-3 1965.

TT-65-23237 Field 7B

Hluchan, E.; Mayer, J.
THE COLORIMETRIC DETERMINATION OF FLUORIDES. 4p.
Order from ETC: $1.10 as TT-65-23237

Trans. of Chemicke Zvesti (Czechoslovakia) v17 p569-74 1963.

TT-65-23694 Field 7B

Beloglazov, S. M.
THE DETERMINATION OF HYDROGEN IN STEEL BY THE ANODIC DISSOLUTION METHOD. 3p.
Order from ETC: $1.10 as TT-65-23694

Trans. of Zavodskaya Laboratoriya (USSR) v27 n12 p1468-9 1961.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-65-23700 Field 7B

Takahashi, S.; Hashimoto, Y.
THE SIMPLE COLORIMETRIC DETERMINATION OF DISSOLVED OXYGEN IN WATER. 5p.
Order from ETC: $1.10 as TT-65-23700

Trans. of unidentified article, Tokyo, n.d., pub. by Laboratory of Marine Chemistry, College of Agriculture, Tokyo Univ.

TT-65-23785 Field 7B

Elinson, S.; Petrov, K. I.
ANALYTICAL CHEMISTRY OF ZIRCONIUM AND HAFNIUM. Tr. by N. Kaner. 206p, 820refs. IPST-2124.
Order from IPST as IPST-2124

Trans. of mono. Analiticheskaya Khimiya Tsirkoniya i Gafniya, Moscow, 1965.

TT-65-23786 Field 7B

Nemodruk, A. A.; Karalova, Z. K.
ANALYTICAL CHEMISTRY OF BORON. Tr. by R. Kondor. 236p, 1219refs. IPST-2175.
Order from IPST as IPST-2175

Trans. of mono. Analiticheskaya Khimiya Bora, Moscow, 1964.

TT-65-25087 Field 7B, 20B

Toropov, N. A.; Bondar, I. A.
EFFECT OF CALCIUM FLUORIDE ON THE CRYSTALLISATION PROCESS IN THE TERNARY SYSTEM CaO-Al2O3-SiO2 (Vliyanie Ftoristogo Kaltsiya na Protsess Kristallizatsii v Troinoi Sisteme CaO-Al2O3-SiO2). 17p (foreign text included) 8refs.
Order from ETC or TIB: $1.60 as TT-65-25087

Trans. of unidentified Russian language article, p205-12 n.d.

TT-65-25339 Field 7B

Golovkin, V. S.; Bykov, V. N.; Levdik, V. A.
ANOMALIES IN THE MAGNETIC STRUCTURE OF CHROMIUM. 17p, 7refs. DTC-91.
Order from ETC or DTC: $1.60 as TT-65-25339

Unedited draft trans. of Zhurnal Eksperimentalnoi i Teoreticheskoi Fiziki (USSR) v49 n4(10) p1083-90 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-12935 Field 7B

Yoshida, Y.; Yoshida, S.
AN IMPROVED SPOT TEST FOR BORON IN PLANT TISSUE AND WATERS. 5p, 3refs.
Order from SLA: $1.10 as TT-66-12935

Trans. of Nihon Dojo Hiryogaku Zasshi (Japan) v35 n11 p408 1964.

TT-66-13145 Field 7B

Koch, W.
RAPID MICRO-ANALYTICAL METHOD FOR DETERMINING PHOSPHORUS, CHROMIUM AND ALUMINIUM IN STEEL. PHOTOMETRIC METHODS. 17p (figs omitted) 31refs.
Order from SLA: $1.60 as TT-66-13145

Trans. of Technische Mitteilungen Krupp. Forschungsberichte (Germany) n2 p37-46 1938.

TT-66-13253 Field 7B

Malissa, H.; Kotzian, H.
INVESTIGATIONS ON THE REACTIVITY OF CHROMIUM AND TITANIUM WITH PYRROLIDINEDITHIOCARBAMATE. 9p, 9refs.
Order from SLA: $1.10 as TT-66-13253

Trans. of Talanta (Gt. Brit.) v9 p997-1002 1962.

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Volpin, M. E.; Ilatovskaya, M. A.; Larikov, E. I.; Khidekel, M. L.; Shvetsov, Yu. A.
NITROGEN FIXATION ON HYDROGEN-ACTIVATING TRANSITION METAL COMPLEXES. 6p.
Order from SLA: $1.10 as TT-66-13287

Trans. of Akademiya Nauk SSSR. Doklady, v164 n2 p331-3 1965.

TT-66-13379 Field 7B

Chertov, V. M.; Dzhambaeva, D. B.; Plachinda, A. S.; Neimark, I. E.
SURFACE- AND INTERNAL SILANOL GROUPS OF SILICA GEL GLOBULES, PREPARED BY THE HYDROTHERMAL METHOD. 3p, 15refs.
Order from SLA: $1.10 as TT-66-13379

Trans. of Akademiya Nauk SSSR. Doklady, v161 n5 p1149-51 1965.

TT-66-13397 Field 7B

Shkaravskii, Yu. F.
THE PHOSPHOROZIRCONIAMOLYBDENA HETEROCOMPLEX. 11p, 21refs.
Order from SLA: $1.60 as TT-66-13397

Trans. of Zhurnal Neorganicheskoi Khimii (USSR) v11 n1 p120-7 1966.

TT-66-13398 Field 7B

Spitsyn, V. I.; Mikheev, N. B.; Hermann, A.
A NEW METHOD OF REACHING AN ACCELERATED EQUILIBRIUM BETWEEN THE CRYSTAL PHASE AND THE SOLUTION. 4p, 7refs.

Order from SLA: $1.10 as TT-66-13398

Trans. of Zhurnal Neorganicheskoi Khimii (USSR) v11 n1 p195-7 1966.

TT-66-13399 Field 7B

Galkin, Yu. M.; Chukhlantsev, V. G.
THE PRODUCTION OF STRONTIUM AND BARIUM ZIRCONATES IN HYDROTHERMAL CONDITIONS. 5p, 7refs.
Order from SLA: $1.10 as TT-66-13399

Trans. of Zhurnal Neorganicheskoi Khimii (USSR) v11 n1 p216-9 1966.

TT-66-13402 Field 7B

Surgutskii, V. P.; Serebrennikov, V. V.
STUDY ON THE REDUCTION KINETICS AND MECHANISM OF RARE-EARTH SULFATES WITH CARBON MONOXIDE. 8p, 6refs.
Order from SLA: $1.10 as TT-66-13402

Trans. of Zhurnal Neorganicheskoi Khimii (USSR) v11 n1 p33-8 1966.

TT-66-13412 Field 7B

Noll, W.
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Order from SLA: $1.10 as TT-66-13412

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NCH-203 122 Field 7C, 7A

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NCH-203 964 Field 7C

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NCH-205 021 Field 7C

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Order from TC: $15.00 as TC-2054

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Order from TC: $7.50 as TC-1874

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NCH-205 131 Field 7C

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Order from TC: $6.00 as TC-1873

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NCH-205 256 Field 7C

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NCH-205 271 Field 7C

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Order from ATS as ATS-85T91J

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ON THE MINIMUM INFORMATION REQUIRED FOR THE IDENTIFICATION OF INDIVIDUAL ORGANIC SUBSTANCES WITH COINCIDENT MASS-SPECTRAL LINES. Tr. L. Mote. 9p, 6refs. MTWL-1380, BPM-trans.1779.
Order from ETC: $1.10 as TT-65-22213

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MICRO-DETERMINATION OF SULPHUR IN ORGANIC COMPOUNDS (Mikroopredelenie Sery v Organicheskikh Soedineniyakh). 12p (foreign text included) 6refs. DTC-80.
Order from ETC or DTC: $1.60 as TT-65-23041

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TT-65-23680 Field 7C

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Order from INT: $5.00 as INT-23

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TT-66-13054 Field 7C

Kofler, L.
MICROSCOPIC METHODS FOR IDENTIFICATION OF ORGANIC SUBSTANCES. 15p (figs omitted) 15refs.
Order from SLA: $1.60 as TT-66-13054

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Luttringhaus, A.
THE MANNER OF REACTION OF METAL ORGANIC COMPOUNDS. PT III. ON THE METHODS FOR CLEAVAGE OF PHENOL ETHERS. 5p (some refs omitted) 26refs.
Order from SLA: $1.10 as TT-66-13055

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Wittig, G.
ON THE APPEARANCE OF FREE RADICALS IN ORGANIC REACTIONS. 33p, 91refs.
Order from SLA: $3.60 as TT-66-13056

Trans. of Angewandte Chemie (Germany) v52 p89-96 1939.

TT-66-13057 Field 7C

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NEW IDENTIFICATION REACTION FOR ETHYLENE OXIDES AND PYRIDINE DERIVATIVES. 3p, 2refs.
Order from SLA: $1.10 as TT-66-13057

Trans. of Angewandte Chemie (Germany) v52 p407 1939.

TT-66-13058 Field 7C, 7D

Mueller, F. H.
MOLECULAR ARRANGEMENTS IN HIGHLY POLYMERIZED SUBSTANCES. OPTICAL DOUBLE REFRACTION, CHEMICAL STRUCTURE AND DEGREE OF ORIENTATION IN SUBSTANCES FROM MATTED AND INTERWOVEN FIBER MOLECULES. 18p (figs omitted) 34refs.
Order from SLA: $1.60 as TT-66-13058

Trans. of Angewandte Chemie (Germany) v53 p425-8 1940.

TT-66-13063 Field 7C

Wilfinger, H.
THE PREPARATION OF HIGH WET-STRENGTH PAPER BY THE ADDITION OF SYNTHETIC RESINS TO THE PULP. POLYMERISATION PRODUCTS OF ETHYLENE IMINE RESP. FROM AMINES WITH DIBASIC ACIDS. 3p.
Order from SLA: $1.10 as TT-66-13063

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Order from SLA: $19.75 as TT-66-13125

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TT-66-13245 Field 7C

Wakamatsu, H.
STUDIES ON HYDROFORMYLATION REACTIONS. PT I. HYDROFORMYLATION OF SIMPLE OLEFINS USING DICOBALT OCTACARBONYL AND RHODIUM TRICARBONYL AS CATALYST. 20p, 19refs.
Order from SLA: $1.60 as TT-66-13245

Trans. of Nihon Kagaku Zasshi (Japan) v85 n3 p227-31 1964.

TT-66-13252 Field 7C

Malissa, H.; Gomiscek, S.
SOLUBILITY OF SOME PYRROLIDINE CARBAMATES IN ORGANIC SOLVENTS. 6p, 6refs.
Order from SLA: $1.10 as TT-66-13252

Trans. of Analytica Chimica Acta (Netherlands) v27 n4 p402-4 1962.

TT-66-13255 Field 7C

Imyanitov, N. S.; Rudkovskii, D. M.
HYDROGENATION AND HYDROFORMYLATION IN THE PRESENCE OF COBALT, RHODIUM, AND IRIDIUM CARBONYLS. 6p, 14refs.
Order from SLA: $1.10 as TT-66-13255

Trans. of Neftekhimiya (USSR) v3 n2 p198-200 1963.

TT-66-13271 Field 7C, 11I

Asai, H.; Imoto, T.
STUDIES ON HIGH PRESSURE POLYMERIZATION. PT V. HIGH PRESSURE COPOLYMERIZATION OF STYRENE AND VINYL ACETATE, STYRENE AND n-BUTYL VINYL ETHER. 12p, 8refs.
Order from SLA: $1.60 as TT-66-13271

Trans. of Nihon Kagaku Zasshi (Japan) v85 n3 p152-5 1964.

TT-66-13272 Field 7C, 11I

Asai, H.; Imoto, T.
STUDIES ON HIGH PRESSURE POLYMERIZATION. PT VI. HIGH PRESSURE COPOLYMERIZATION OF STYRENE AND METHACRYLATE ESTERS. 12p, 8refs.
Order from SLA: $1.60 as TT-66-13272

Trans. of Nihon Kagaku Zasshi (Japan) v85 n3 p155-8 1964.

TT-66-13273 Field 7C, 11I

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Order from SLA: $1.60 as TT-66-13273

Trans. of Nihon Kagaku Zasshi (Japan) v85 n4 p247-52 1964.

TT-66-13275 Field 7C

Kakiuchi, H.; Naokawa, T.; Ishii, K.
STUDIES ON THE UTILIZATION OF POLYOXYMETHLENE. PT VIII. RELATIVE REACTION RATE OF P-XYLENE DICHLORIDE AND AROMATIC HYDROCARBONS. 12p, 8refs.
Order from SLA: $1.60 as TT-66-13275

Trans. of Kogyo Kagaku Zasshi (Japan) v68 n7 p1288-91 1965.

TT-66-13278 Field 7C

Kakiuchi, H.; Naokawa, T.; Ishii, K.
STUDIES ON THE UTILIZATION OF POLYOXYMETHLENE. PT IX. THREE-DIMENSIONAL HARDENING REACTION BETWEEN p-XYLENEDIHYDROCHLORIDE AND AROMATIC HYDROCARBONS. 11p, 10refs.
Order from SLA: $1.60 as TT-66-13278

Trans. of Kogyo Kagaku Zasshi (Japan) v68 n7 p1292-4 1965.

TT-66-13281 Field 7C

Menyailo, A. T.; Golovanenko, B. I.; Golubev, V. K.; Yakovleva, A. K.
THE PRODUCTION OF HIGHER ORGANIC ALUMINUM COMPOUNDS FROM ETHYLENE AND TRIETHYLALUMINUM. 9p, 28refs.
Order from SLA: $1.10 as TT-66-13281

Trans. of Khimicheskaya Promyshlennost (USSR) v41 n4 p251-4 1965.

TT-66-13358 Field 7C

Pueschel, F.; Kaiser, C.
HIGHER-MOLECULAR ALIPHATIC SULFONIC ACIDS. I: 2-HYDROXY-n-ALKANE-SULFONIC ACIDS-(1). 14p, 30refs.
Order from SLA: $1.60 as TT-66-13358

Trans. of Chemische Berichte (West Germany) v97 n10 p2903-16 1964.

TT-66-13374 Field 7C

Kachurin, O. I.; Spryskov, A. A.
STUDY OF SULFONATION. LI. ISOMERIZATION OF CHLOROBENZENE SULFONIC ACID. 8p (figs omitted) 2refs.

Order from SLA: $1.10 as TT-66-13374

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Khimiya i Khimicheskaya Tekhnologiya (USSR) n5 p52-7 1958.

TT-66-13375 Field 7C, 7D

Kachurin, O. I.; Spryskov, A. A.; Melnikova, L. P.
STUDY OF SULFONATION. LIII. ISOTOPE EXCHANGE METHOD FOR STUDYING THE KINETICS OF THE HYDROLYSIS OF CHLOROBENZENE SULFONIC ACID. 10p (figs omitted) 4refs.
Order from SLA: $1.10 as TT-66-13375

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Khimiya i Khimicheskaya Tekhnologiya (USSR) v3 n4 p669-74 1960.

TT-66-13376 Field 7C

Barton, J.
THE ACTION OF DICUMYL PEROXIDE ON POLYOLEFINES AND THEIR MIXTURES. 16p, 24refs.
Order from SLA: $1.60 as TT-66-13376

Trans. of Chemicke Zvesti (Czechoslovakia) v20 n3 p169-79 1966.

TT-66-13384 Field 7C

Germain, J. E.; Blanchard, M.
CONVERSION OF 4, VINYL 1, CYCLOHEXANE ON A SILICOPHOSPHORIC CATALYST. 3p, 5refs.
Order from SLA: $1.10 as TT-66-13384

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v250 n2 p3476-8 1960.

TT-66-13395 Field 7C

Nekrasova, V. A.; Shuikin, N. I.
CATALYTIC PRODUCTION METHODS OF ALIPHATIC AND ALICYCLIC AMINES. 23p, 154refs.
Order from SLA: $2.60 as TT-66-13395

Trans. of Uspekhi Khimii (USSR) v34 n11 p1945-64 1965.

TT-66-13406 Field 7C

Gregorowicz, Z. Kulicka, J.; Kulicki, Z.
VOLUMETRIC DETERMINATION OF SULFATES IN TECHNICAL MESITYLENE AND PSEUDOCUMENE SULFONATES. 6p, 7refs.
Order from SLA: $1.10 as TT-66-13406

Trans. of Chemia Analityczna (Poland) v10 n1 p113-6 1965.

TT-66-13407 Field 7C

Suga, K.; Watanabe, S.; Hirai, H.
REACTION OF PROPANESULTONE WITH ALCOHOLS. 6p, 6refs.
Order from SLA: $1.10 as TT-66-13407

Trans. of Yukagaku (Japan) v14 n11 p612-4 1965.

TT-66-13426 Field 7C

Andronov, L. M.; Norikov, Yu. D.
ANALYSIS OF HYDROXY-ALDEHYDES BY GAS-LIQUID CHROMATOGRAPHY. 7p, 6refs.
Order from SLA: $1.10 as TT-66-13426

Trans. of Zhurnal Analiticheskoi Khimii (USSR) v20 n9 p1007-9 1965.

TT-66-13427 Field 7C

Herz, J.; Husson, F.; Luzzati, V.
POLYMERIZATION AND CROSS-LINKING OF A SOAP MONOMER IN THE MESOMORPHIC PHASE. 3p, 1ref.
Order from SLA: $1.10 as TT-66-13427

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v252 n22 p3462-4 1961.

TT-66-13428 Field 7C

Kikolski, P.; Wegrzynowicz, M.
METHODS OF SEPARATION OF NONIONIC ADDUCTS OF ALKYLPHENOL AND ETHYLENE OXIDE WITH DIFFERENT CONTENTS OF HYDROXYETHYLENE GROUPS. 11p, 22refs.
Order from SLA: $1.60 as TT-66-13428

Trans. of Tluszcze i Srodki Piorace (Poland) v9 n6 p360-8 1965.

TT-66-13434 Field 7C

Stache, U.; Fritsch, W.; Ruschig, H.
SYNTHESIS OF ISOXAZOLINO STEROIDS BY 1,3-DIPOLAR ADDITION. PT II (Isoxazolino-Steroide durch 1,3-Dipolare Addition. II). 17p, 9refs.
Order from SLA: $1.60 as TT-66-13434

Trans. of Justus Liebigs Annalen der Chemie (West Germany) v685 p228-36 1965.

TT-66-13500 Field 7C

Tishchenko, D. V.
RESEARCH IN THE FIELD OF CHLORINE DERIVATIVES. XVII. THE ACTION OF CHLORINE ON MESITYL OXIDES. 7p, 2refs.
Order from SLA: $1.10 as TT-66-13500

Trans. of Zhurnal Obshchei Khimii (USSR) v11 p402-4 1941.

TT-66-21845 Field 7C, 7E

Yasnitskii, B. G.; Dolberg, E. B.; Aronov, Yu. E.
PHOTOCHEMICAL CHLORINATION OF TRICHLOROACETIC ALDEHYDE TO TRICHLOROACETYL CHLORIDE (O Fotokhimicheskom Khlorirovanii Khloralya do Trikhloratsetilkhlorida). 5p. CSIR-tr.531.
Order from CSIR as CSIR-tr.531

Trans. of Zhurnal Organicheskoi Khimii (USSR) v1 n3 p448-50 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-21848 Field 7C

Kuzkin, S. F.; Nebera, V. P.; Yakubovich, I. A.; Zolin, S. N.
INVESTIGATION OF THE MECHANISM OF THE ACTION OF POLYACRYLAMIDE FLOCCULANTS (Izuchenie Mekhanizma Deistviya Poliakrilamidnykh Flokulyantov). 16p. CSIR-tr.542.
Order from CSIR as CSIR-tr.542

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Tsvetnaya Metallurgiya (USSR) v6 n4 p36-43 1963. Another trans. is available in English from CFSTI or ETC HC$1.10, MF$0.50 in TT-64-71238, FTD-MT-64-15, AD-604 343, 29 Jun 64, 11p

TT-66-62246 Field 7C, 11I

HIGH MOLECULAR COMPOUNDS, 1964, VOL. 6, NO. 10: SELECTED ARTICLES. 31 May 66, 52p, 43refs. FTD-TT-65-757; AD-638 975.
Order from CFSTI or ETC: HC$3.00, MF$0.50 as AD-638 975

Edited trans. of Vysokomolekulyarnye Soedineniya (USSR) v6 n10 p1755-7, 1802-5, 1814-20, 1838-43, 1852-61 1964.

D. Physical chemistry

NCH-202 947 Field 7D, 13H

Moriyama, A.; Moriyama, J.; Kushima, I.
THE CHANGES IN SPECIFIC SURFACE AREA OF IRON SALTS, AND IRON OXIDE POWDERS BY HEATING. 1965. BISI-4334.
Order from BISI: L12 10s as BISI-4334

Trans. of Nihon Kinzoku Gakkai-shi (Japan) v24 n11 p699-703 1960.

NCH-203 146 Field 7D, 20M

Shamanov, N. P.
FORMATION AND GROWTH OF BUBBLES IN WATER BOILING IN TUBES (Voznikovenie i Rost Puzyrkov pri Kipenii vody v Kanalakh). Oct 65, 10p, 10refs. RTS-3122.
Order from NLL: 15s as RTS-3122

Trans. of Inzhenerno-Fizicheskii Zhurnal (USSR) v8 p30, 294-9 1965.

NCH-203 954 Field 7D, 11C

Dousek, F. P.; Jindra, J.; Svata, M.
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NCH-203 979 7D

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NCH-204 381 Field 7D

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Order from NLL: 20s as RTS-3038

Trans. of Teploenergetika (USSR) v8 n7 p60-7 1961.

NCH-204 391 Field 7D

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Order from NLL: 15s as RTS-3240

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NCH-204 807 Field 7D, 7C

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ACTIVITIES OF AN ANZYME ABSORBED ON ABSORBENTS. 1966, 8p. TC-1941.
Order from TC: $7.50 as TC-1941

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NCH-205 082 Field 7D

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Order from TC: $23.00 as TC-1946

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NCH-205 112 Field 7D

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Order from TC: $9.50 as TC-1907

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NCH-205 178 Field 7D, 7E, 20L

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DIOXIDE AND ALUMINUM OXIDE. Mar 66, 24refs.
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NCH-205 270 Field 7D

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NCH-205 272 Field 7D

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NCH-205 280 Field 7D, 7C

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NCH-205 288 Field 7D

Winkelmann, D.
THE ELECTROCHEMICAL MEASUREMENT OF THE RATE OF OXIDATION OF NA2SO3 BY DISSOLVED OXYGEN. 1966, 7p. ATS-42T92G.
Order from ATS: $13.90 as ATS-42T92G

Trans. of Zeitschrift fuer Elektrochemie (West Germany) v59 n9 p891-5 1955.

NCH-205 291 Field 7D

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THE MANUFACTURE OF SULFUR FROM SULFUR DIOXIDE. 1966, 18p. ATS-08T92R.
Order from ATS: $28.95 as ATS-08T92R

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NCH-205 292 Field 7D

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Order from ATS: $18.85 as ATS-56T92R

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NCH-205 302 Field 7D

Postovskii, I. I.
PREPARATION OF CRYSTAL VIOLET FROM OXALYL CHLORIDE AND DIMETHYLANILINE. 1966, 3p. ATS-30T-92R.
Order from ATS: $6.00 as ATS-30T92R

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NCH-205 310 Field 7D

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Order from ATS: $13.75 as ATS-43T92H

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Order from ETC: $10.50 as TT-65-22598

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TT-65-23238 Field 7D

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VACUUM ADIABATIC CALORIMETER WITH AUTOMATIC HEAT INSULATING SHIELDS FOR THE INVESTIGATION OF THERMAL PROPERTIES OF MACROMOLECULAR SOLUTIONS (Vakuumnyi Adiabatnyi Kalorimetr s Avtomaticheskoi Regulirovkoi Teplovykh Shirm Diya Issledovaniya Teplovykh Svoistv Rastvorov Makromolekul). 7p. CSIR-491.
Order from CSIR as CSIR-491

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TT-65-25731 Field 7D

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Order from IPST as IPST-2157

Trans. of mono. Vizualnye Metody Emissionnogo Spektralnogo Analiza, Moscow, 1961.

TT-65-28890 Field 7D, 20M, 20C

Khalileev, P. A.
HEAT CONDUCTION AND ELECTRICAL CONDUCTIVITY

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Order from ETC: $2.60 as TT-65-28890

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Also available from SNSRC.
Another trans. is available from SLA, as RT-2173, 41p.

TT-65-29086 Field 7D

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THE INTERMEDIATE REACTIONS OF CYCLOHEXYL HYDROPEROXIDE. 15p. SNSRC-155.
Order from SNSRC: Sw.Crn. 3.00 as SNSRC-155

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v31 n3 p554-62 1957.
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TT-65-29087 Field 7D

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A TRACER ATOM INVESTIGATION OF THE SEQUENCE OF PRINCIPAL. 16p. SNSRC-154.
Order from SNSRC: Sw.Crn. 3.10 as SNSRC-154

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v31 n2 p340-9 1957.
Another trans. is available from ATS, $14.95 as ATS-96J17R, 13p

TT-65-29088 Field 7D

Berezin, I. V.; Kazanskaya, N. F.; Meluzova, G. B.
THE QUANTITATIVE ANALYSIS OF CYCLOHEXANOL IN THE OXYDATIONS-PRODUCTS. 10p. SNSRC-156.
Order from SNSRC: Sw.Crn. 2.50 as SNSRC-156

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v32 n6 p1218-25 1958.
Another trans. is available from ATS $10.65 as ATS-28S83R.

TT-65-29090 Field 7D

Denisov, E. T.; Emanuel, N. M.
KINETIC CHARACTERISTICS OF THE OXYDATION OF CYCLOHEXANE. 16p. SNSRC-152.
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Another trans. is available from ATS as ATS-18K23R, 11p.

TT-65-29092 Field 7D

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ON THE PARTICIPATION OF SALT CATALYSIS IN THE PROPAGATION REACTION. 11p. SNSRC-157.
Order from SNSRC: Sw.Crn. 2.60 as SNSRC-157

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Maier, W. Saupe, A.
A SIMPLE MOLECULAR THEORY OF THE NEMATIC LIQUID-CRYSTALLINE STATE. 5p (figs omitted) 8refs.
Order from SLA: $1.10 as TT-66-12994

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TT-66-12995 Field 7D

Vlcek, A. A.
THE ELECTRON CONFIGURATION OF AROMATIC COMPLEXES OF CHROMIUM. 7p, 20refs.
Order from SLA: $1.10 as TT-66-12995

Trans. of Zeitschrift fuer Anorganische und Allgemeine Chemie (East Germany) v304 p109-15 1960.

TT-66-12999 Field 7D

Maier, W. Saupe, A.
A SIMPLE MOLECULAR STATISTICAL THEORY OF THE NEMATIC LIQUID-CRYSTALLINE PHASE. PT I. 14p, 24refs.
Order from SLA: $1.60 as TT-66-12999

Trans. of Zeitschrift fuer Naturforschung (West Germany) v14a n10 p882-9 1959.

TT-66-13000 Field 7D

Maier, W.; Meier, G.
A SIMPLE THEORY OF DIELECTRIC CHARACTERISTICS OF HOMOGENEOUSLY ORIENTED LIQUID-CRYSTALLINE PHASES OF THE NEMATIC TYPE. 15p, 15refs.
Order from SLA: $1.60 as TT-66-13000

Trans. of Zeitschrift fuer Naturforschung (West Germany) v16a n3 p262-7 1961.

TT-66-13286 Field 7D, 7C

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ELECTROCHEMICAL SYNTHESIS OF UNSATURATED DICARBOXYLIC ACIDS. 4p, 2refs.
Order from SLA: $1.10 as TT-66-13286

Trans. of Vsesoyuznoe Khimicheskoe Obshchestvo. Zhurnal (USSR) v10 n5 p594-5 1965.

TT-66-13355 Field 7D

Gerischer, H.; Mattes, I.; Braun, R.
ELECTROLYSIS IN A STREAMING CHANNEL. A METHOD FOR THE INVESTIGATION OF REACTION PRODUCTS AND INTERMEDIATE PRODUCTS. 27p, 6refs.
Order from SLA: $2.60 as TT-66-13355

Trans. of Journal of Electroanalytical Chemistry (Netherlands) v10 p553-67 1965.

TT-66-13369 Field 7D

Nyvlt, J.; Gottfried, J.
ADAPTATION OF THE CORRELATION METHOD FOR THE COMPUTATION OF SOLUBILITIES IN TERNARY SYSTEMS (Uprava Korelacni Metody pro Vypocet Rozpustnosti v Ternarnich Systemech). 8p (foreign text included) 3refs.

Order from SLA: $1.10 as TT-66-13369

Trans. of Chemicky Prumysl (Czechoslovakia) v14 n7 p376-8 1964.

TT-66-13377 Field 7D

Ignateva, L. A.
ROLE OF HYDROXYL GROUPS, PRESENT ON THE SURFACE OF OXIDE TYPE CATALYSTS, IN ADSORPTION AND CATALYSIS. 4p, 22refs.
Order from SLA: $1.10 as TT-66-13377

Trans. of Akademiya Nauk SSSR. Doklady, v163 n2 p398-401 1965.

TT-66-13378 Field 7D

Moin, F. B.
CALCULATION OF THE ACTIVATION ENERGY, BASED ON THE ADDITIVE PRINCIPLE IN HYDROCARBON REACTIONS. 5p, 21refs.
Order from SLA: $1.10 as TT-66-13378

Trans. of Akademiya Nauk SSSR. Doklady, v161 n2 p392-4 1965.

TT-66-13380 Field 7D, 11I

Malkin, A. Ya.; Vinogradov, G. V.
RELATIONSHIP OF THE VISCOSITY WITH MOLECULAR WEIGHT, TEMPERATURE AND PARAMETERS, DETERMINING A DEFORMATION COURSE OF THE POLYMERS IN STATE OF VISCOUS FLOW. 7p. 14refs.
Order from SLA: $1.10 as TT-66-13380

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TT-66-13389 Field 7D, 7C

Kallistov, O. V.; Mardanyan, S. S.; Grigoryan, G. L.
LIGHT SCATTERING AND VISCOSITY OF SOLUTIONS OF POLY-ORTHO-CARBETHOXYPHENYLMETHACRYLAMIDE IN CHLOROFORM. 4p, 7refs.
Order from SLA: $1.10 as TT-66-13389

Trans. of Vysokomolekulyarnye Soedineniya (USSR) v7 n1 p98-100 1965.

TT-66-13394 Field 7D

Volfson, V. Ya.; Ganyuk, L. N.
THE APPLICATION OF ELECTRON SPIN RESONANCE TO INVESTIGATION OF CATALYSTS. 25p, 101refs.
Order from SLA: $2.60 as TT-66-13394

Trans. of Uspekhi Khimii (USSR) v34 n9 p1648-73 1965.

TT-66-13414 Field 7D

Sackmann, H.; Demus, D.
ISOMORPHIC RELATIONSHIPS BETWEEN LIQUID-CRYSTALLINE PHASE. COMMUNICATION NO. 7: MISCIBILITIES IN BINARY SYSTEMS IN WHICH BOTH COMPONENTS HAVE SMECTIC B-PHASES OR SMECTIC C-PHASES. 17p, 3refs.
Order from SLA: $1.60 as TT-66-13414

Trans. of Zeitschrift fuer Physikalische Chemie, Leipzig (East Germany) v222 n3/4 p143-60 1963.

TT-66-13417 Field 7D

Levich, V. G.; Dogonadze, R. R.
ADIABATIC THEORY OF ELECTRON PROCESSES IN SOLUTIONS. 31p, 26refs.
Order from SLA: $3.60 as TT-66-13417

Trans. of Collection of Czechoslovak Chemical Communications, v26 p193-214 1961.

TT-66-13472 Field 7D

Kuechler, L.; Troltenier, U.
INFLUENCE OF THE REACTION PROCEDURE ON THE MOLECULAR WEIGHT DISTRIBUTION OF SPECIAL POLYREACTION PRODUCTS. 11p, 2refs.
Order from SLA: $1.60 as TT-66-13472

Trans. of Chemie-Ingenieur-Technik (West Germany) v38 n4 p439-43 1966.

TT-66-13522 Field 7D

David, F.; Bouissieres, G.
COMPARATIVE STUDY OF THE ELECTROLYTIC FORMATION OF RARE EARTHS AND ACTINIUM AMALGAMS. Mar 66, 26p, 26refs. UCRL-Trans-1324.
Order from SLA: $2.60 as TT-66-13522

Trans. of Societe Chimique de France, Bulletin, n4 p1001-7 1965.

TT-66-24705 Field 7D, 21D

Yantovskii, S. A.
TWO-STAGE COMBUSTION OF EXPLOSIVE MIXTURES. III. KINETIC ZONES OF SPONTANEOUS IGNITION OF ISO-OCTANE IN MIXTURES WITH AIR AT HIGH PRESSURES. Tr. by L. Mote. 10p, 17refs. MTWL-1405, Shell Tr. No. 1124.
Order from ETC: $1.10 as TT-66-24705

Trans. of Kinetika i Kataliz (USSR) v7 n1 p21-6 1966.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-24970 Field 7D

Bundzhe, V. G.; Kiryakov, G. Z.; Bainietova, F. K.
EFFECT OF TITANIUM SULPHATE ON ELECTRODEPOSITION OF ZINC FROM SULPHATE ELECTROLYTES (K Voprosu o Vliyanii Sulfata Titana na Elektroosazhdenie Tsinka iz Sernokislykh Rastvorov). 15p. CSIR-tr-574.
Order from CSIR as CSIR-tr.574

Trans. of Akademiya Nauk Kazakhskoi SSR, Alma-Ata. Institut Khimicheskikh Nauk. Trudy (USSR) v12 p18-25 1964.
Another trans. is available in French from CNRS NF48.00 as CNRS-66-H/R-3357, Org.156-538.

TT-66-29091 Field 7D

Denisov, E. T.; Emanuel, N. M.
ON THE MECHANISM OF CATALYSIS BY COBALT STEARATE. 18p. SNSRC-153.
Order from SNSRC: Sw.Crn. 3.30 as SNSRC-153

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v30 n11 p2499-2510 1956.
Another trans. is available from ATS as ATS-31J19R, 13p.

TT-66-33723 Field 7D

Neiman, M.
BIOGRAPHICAL SKETCH OF SOVIET CHEMICAL SCIENTIST ACADEMICIAN N. N. SEMENOV.
29 Aug 66, 9p. JPRS-37294.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33723

Trans. of Nauka i Zhizn (USSR) n4 p16-22 1966.

TT-66-61757 Field 7D

Batuev, M. I.
PHYSICAL IDEALISM OF THE RESONANCE THEORY OF THE HYDROGEN BOND. 1966, 12p, refs. NIH-5-45-66.
Order from CFSTI or ETC: HC$1.60, MF$0.50 as TT-66-61757

Trans. of Zhurnal Fizicheskoi Khimii (USSR) v25 n8 p995-1000 1951.

TT-66-62071 Field 7D, 11F

Savitskii, E. M.; Zakharov, A. M.
SYSTEM NIOBIUM - TUNGSTEN - MOLYBDENUM - ZIRCONIUM. 22 Apr 66, 16p, 12refs. FTD-MT-65-235; AD-637 375.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-637 375

Edited machine trans. from Zhurnal Neorganicheskoi Khimii (USSR) v9 n10 p2424-32 1964.

TT-66-62107 Field 7D

Razumov, G. A.; Brounshtein, B. I.; Kane, A. A.
KINETICS OF THERMAL DECOMPOSITION OF SOLIDS. 26 Mar 66, 19p, 9refs. FTD-TT-65-1605; AD-637 434.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-637 434

Uniedited rough draft trans. of Gosudarstvennyi Institut Prikladnoi Khimii. Trudy (USSR) v49 p170-82 1962.

TT-66-62150 Field 7D, 20L

HERALD OF LENINGRAD UNIVERSITY. PHYSICS AND CHEMISTRY SERIES. 13 Apr 66, 227p, 219refs. FTD-MT-64-222; AD-638 172.
Order from CFSTI or ETC: HC$6.00, MF$1.25 as AD-638 172

Edited machine trans. of Leningrad Univ. Vestnik (USSR) v18 n16, Seriya Fiziki i Khimii, n3 p136 1963.

TT-66-62199 Field 7D

Beresin, B. D.
ELECTRONIC ABSORPTION SPECTRA AND STABILITY OF UNIFORM COMPLEXES (Elekronye Spektry Pogloshchenia i Stabilnost Odnotypnykh Complecsov). Sep 66, 17p, 26p. ERDL-T-1865-66; AD-638 669.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-638 669

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Khimiya i Khimicheskaya Tekhnologiya (USSR) n2 p202-9 1964.

E. Radio and radiation chemistry

TT-65-22580 Field 7E

Blaunshtein, I. M.; Starodubtsev, S. V.
RADIOLYSIS OF SOME INORGANIC COMPOUNDS UNDER INTENSE GAMMA RAYS (Radioliz Nekotorykh Neorganicheskikh Soedinenii v Pole Intensivnogo Gamma-oblucheniya). 14p. CSIR-tr.467.
Order from CSIR as CSIR-tr.467

Trans. of mono. Konferentsiya po Mirnomu Ispolzovaniya Atomnoi Energii, 1959, v1, Tashkent, 1961 p163-8.

TT-66-13525 Field 7E

Coekelbergs, R.; Crucq, A.; Frennet, A.; Decot, J.; Timmerman, L.
RADIOLYSIS OF ABSORBED CARBON DIOXIDE IN THE RADIOLYSIS OF CO2. 16p. ORNL-tr-1215.
Order from SLA: $1.60 as TT-66-13525

Trans. of Journal de Chimie Physique (France) v60 p891-8 1963.

TT-66-13560 Field 7E

Masri, E.; Haissinsky, M.
GAMMA RADIOLYSIS OF POTASSIUM FERROCYANIDE AND POTASSIUM FERRICYANIDE (Radiolyse Gamma de Solutions de Ferro-et Ferri-Cyanures de Potassium). Jun 64, 15p, 17refs. ANL-Trans-35.
Order from SLA: $1.60 as TT-66-13560

Trans. of Journal de Chimie Physique (France) v60 p397-401 1963.

TT-66-21847 Field 7E

Guberman, Sh. A.; Kozhevnkov, D. A.; Yakubson, K. I.
USE OF THE THEORY OF SIMILITUDE IN STUDYING RADIATION TRANSPORT PROCESSES (Primenenie Teorii Podobiya pri Izychenii Portsessov Perenosa Izlucheniya). 23p. CSIR-tr.539.
Order from CSIR as CSIR-tr.539

Trans. of International Atomic Energy Agency. Symposium on Radioisotope Instruments in Industry and Geophysics, Warsaw, Oct 1965, n.p., SM-68/35.

TT-66-23808 Field 7E

Zolin, L. S.
THE APPLICATION OF A BORON COUNTER WITH CH2-MODERATOR IN NEUTRON DOSIMETRY. Tr. by A. T. Sanders. 15p, 13refs.
Order from ETC: $1.60 as TT-66-23808

Trans. of Unidentified mono., 1965, pub. by Joint Institute for Nuclear Research, Dubna.

TT-66-61515 Field 7E, 6H

Traubenberg, S. E.; Korotchenko, K. A.; Putilova, I. N.
EFFECT OF HIGH DOSES OF GAMMA RAYS OF Co60 ON POTATO STARCH. Jun 66, 12p, 20refs.
FSTC-HT-23-106-66; AD-634 415.
Order from CFSTI or ETC: HC$1.00, MF$0.50

as AD-634 415

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii, Pishchevaya Tekhnologiya (USSR) n6 p24-8 1965.

08 EARTH SCIENCES AND OCEANOGRAPHY

TT-66-33425 Field 8-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 60. 15 Aug 66, 80p. JPRS-36995.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-33424

A. Biological oceanography

TT-66-31908 Field 8A, 6C, 5B

BIBLIOGRAPHIC GUIDE OF SOVIET LITERATURE ON FISHERIES AND RELATED SERVICES FOR 1962 AND THE FIRST HALF OF 1964. 12 May 66, 234p. JPRS-35472.
Order from CFSTI or ETC: HC$6.00, MF$1.25
as TT-66-31908

Trans. of mono. Bibliograficheskii Spisok Literaturi po Rybnmu Khozyaystvu, Rybnoi Promyshlennosti i Smezhnym Naukam za 1962, Moscow, 1964 185p and of Bibliograficheskii Ukazatel Otechestvennoi Literaturi po Rhybnomu Khozyaystvu i Rybnoi Promyshlennosti zu Pervoe Polugodie 1964, 1964 74p.

TT-66-61770 Field 8A

Tarasov, N. I.; Gitelzon, I. I.
COMPREHENSIVE INVESTIGATIONS OF LUMINESCENCE IN THE SEA DURING SCIENTIFIC EXPEDITIONS (Kompleksnye Issledovaniya Svecheniya Morya v Nauchnoi Ekspeditsii). Tr. by M. Slessers. 1966, 9p, 14refs.
NOO-Trans-255; AD-635 461.
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B. Cartography

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Order from CFSTI or ETC: HC$1.00, MF$0.50
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C. Dynamic oceanography

NCH-202 936 Field 8C

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ON THE STUDY OF THE CAUSES OF THE LONG-PERIOD VARIATIONS IN THE ACTIVITY OF THE GULF STREAM. 1965, 15p, 14refs. Trans-F.129.
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THEORY OF OCEAN WAVES (Teoriya Morskikh Voln). Tr. by M. Slessers. 1964, 210p, 30refs.
NOO-Trans-204; AD-637 960.
Order from CFSTI or ETC: HC$20.60, MF$1.25
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TT-66-22621 Field 8C

Dmitriev, A. A.; Bonchkovskaya, T. V.
MODEL STUDIES OF MOTION DUE TO FRONTAL WAVE IMPACT ON SLOPES AND SOME ASPECTS OF CIRCULATION DUE TO OBLIQUE WAVE APPROACH TO GENTLY SLOPING SHORES (Nablyudeniya na Modelyakh Dvizhenii, Voznikayushchikh Pri Frontalnom Udare Volny ob Otkos, i Nekotore Soobrazheniya o Tsirkulya-tsiyakh Pri Kosom Podkhode Volny k Plaskomu Naklonnomu Beregu). 65p. CSIR-tr.545.
Order from CSIR as CSIR-tr.545

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Felzenbaum, A. I.
STEADY STATE WIND CIRCULATION IN A HOMOGENEOUS OCEAN. 22 Aug 66, 9p, 11refs. JPRS-37153.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Order from CFSTI or ETC: HC$2.00, MF$0.50
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D. Geochemistry

TT-65-23690 Field 8D, 8G

Vinogradov, A. P.; Grinenko, V. A.; Ustinov, V. I.
THE ISOTOPIC COMPOSITION OF SULPHUR AND CARBON IN ORE OF THE SHORSU DEPOSIT

(UZBEKISTAN). 11p.
Order from ETC: $1.60 as TT-65-23690

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Order from SLA: $1.60 as TT-66-13349

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Order from SLA: $1.60 as TT-66-13351

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E. Geodesy

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Order from ETC: $1.10 as TT-65-23230

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TT-66-33803 Field 8E, 8G

Lavrikov, A. S.
THE ACCURACY OF GEODETIC MEASUREMENTS IN GEOLOGICAL SURVEY OPERATIONS: PRO AND CON. 1 Sep 66, 30p. JPRS-37374.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-33803

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REMARKS CONCERNING I. F. MONIN'S SHORT COMMUNICATION ON CALCULATING DEFLECTIONS OF THE VERTICAL (Zamechaniya po Povodu Kratkogo Soobshcheniya I. F. Monina o Vychislenii Uklonenii Otvesa). Tr. by John M. Willis. Jul 66, 8p, 6refs. ACIC-TC-1093; AD-637 537.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-637 537

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TT-66-62151 Field 8E, 17G, 9E, 20N

Sha Tzi-chung; La Shih-an.
GROUND REFLECTION PROBLEMS IN TELLUROMETER MEASUREMENTS. 31 May 66, 41p, 11refs.
FTD-TT-65-900; AD-638 173.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as AD-638 173

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TT-66-62161 Field 8E, 12A

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COMPUTATION METHODS BASED ON MOLODENSKII'S INTEGRAL EQUATION FOR DISTURBING POTENTIAL (Metody Vychisleniya na Osnove Integralnogo Uravneniya Molodenskogo dlya Vozmushchayushchego Potentsyala). Tr. by Henry Tomas. Aug 66, 63p, 7refs.
ACIC-TC-1092; AD-638 421.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as AD-638 421

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F. Geography

TT-65-27891 Field 8F

Nudelman, A. V.
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Order from CSIR as CSIR-tr-430

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TT-65-50141 Field 8F, 8L, 8J, 4B

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ANTARCTICA: COMMISSION REPORTS 1961. Tr. by N. Kaner. 1966, 174p, refs. SFCSI-NSF(TT-65-50141).
Order from CFSTI: $5.00 as TT-65-50141

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TT-65-63416 Field 8F

Tadzhimov, T.; Khudaikulov, Kh.; Raimov, T.; Valikhanov, M.
GEOGRAPHY (Geografyia). 24 Jun 65, 12p.
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Order from CFSTI or ETC: HC$1.60, MF$0.50 as AD-637 957

Trans. of mono. Ekonomiko-Geograficheskie Raiony Karakalpakskoi ASSR; Nekotorye Voprosy Formirovaniya Khozyaistva-Zapadnoi Fergany, Tashkent, 1963 p58-81, 97-110, 139-151.

TT-66-33419 Field 8F

A COLLECTION OF SELECTED PAPERS PRESENTED AT THE 1963 ANNUAL CONVENTION OF THE CHINESE GEOGRAPHIC SOCIETY -- GEOMORPHOLOGY. 15 Aug 66, 180p. JPRS-36989.

Order from CFSTI or ETC: HC$5.00, MF$1.00
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Trans. of Chung-Kuo Ti-Li Hsueh-Hui 1963- Nien Nien-hui Lun Wen Hsuan-Chi -- Ti-Mao-Hsueh, Peiping. Papers., 1965 p7-9, 20-5, 27-99.

TT-66-33633 Field 8F, 5C, 2B

AFRICA: TRANSLATIONS NO. 421. 24 Aug 66, 56p. JPRS-37204.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-33633

TT-66-33796 Field 8F, 5C, 5D

AFRICA: TRANSLATIONS NO. 426. 31 Aug 66, 51p. JPRS-37367.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-33796

TT-66-33901 Field 8F, 8B, 8M

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 64. 7 Sep 66, 52p. JPRS-37473.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-33901

G. Geology and mineralogy

NCH-200 212 Field 8G, 8I

Berlin, L. E.; Pertsev, N. N.
COMMERCIAL REQUIREMENTS IN THE QUALITY OF MINERAL RAW MATERIALS. Feb 65, 85p, 58refs. RTS-2786.
Order from NLL: 40s as RTS-2786

Trans. of mono. Trebovaniya Promyshlennosti k Kachestvu Mineralnogo Syrya, n.p. 53p.

NCH-203 114 Field 8G

Fomina, N. P.
URANIFEROUS SOLID BITUMENS IN SEDIMENTS (Ob Uranosoderzhaschikh Tverdykh Bitumakh v Osadochnykh Porodakh). Aug 65, 7p, 14refs. RTS-2708.
Order from NLL: 15s as RTS-2708

Trans. of Vsesoyuznoe Mineralogicheskoe Obshchestvo. Zapiski (USSR) v89 p663-8 1960.

NCH-204 372 Field 8G

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UPPER TRIASSIC BRACHIOPODS IN THE SOUTH OF THE U.S.S.R. 1965, 408p, 64refs.
Order from NLL: L5

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NCH-205 273 Field 8G, 7D, 21D

Huck, G.; Karweil, J.
PHYSICAL AND CHEMICAL PROBLEMS OF COALIFICATION. 1966, 25p. ATS-53T91G.
Order from ATS: $39.85 as ATS-53T91G

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NCH-205 279 Field 8G, 7D

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THE METAMORPHOSIS OF COALS FROM THE STANDPOINT OF PHYSICAL CHEMISTRY. 1966, 8p ATS-54T91G.
Order from ATS: $13.50 as ATS-54T91G

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NCH-205 293 Field 8G

Zholtaev, G.
THE FORMATION MECHANISM OF SALT PLUG OVERHANGS. 1966, 4p. ATS-14T92R.
Order from ATS: $8.45 as ATS-14T92R

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NCH-205 297 Field 8G

Kusakin, N. D.; Vyatkin, S. E.; Averina, M. V.
STRUCTURAL MODIFICATIONS OF THE CARBONACEOUS MATERIAL IN PYROLYTIC PETROLEUM COKES. 1966, 6p. ATS-05T92R.
Order from ATS: $9.60 as ATS-05T92R

Trans. of Tsvetnye Metally (USSR) v38 n10 p59-62 1965.

NCH-205 298 Field 8G

Sochelnikov, V. V.
FUNDAMENTALS OF THE APPROXIMATE THEORY OF MAGNETIC LOGGING USING SPACED PICKUPS IN WEAKLY MAGNETIC ROCK. 1966, 12p. ATS-04T91R.
Order from ATS: $19.25 as ATS-04T91R

Trans. of Akademiya Nauk SSSR. Institut Geologii i Geofiziki, Novosibirsk. Trudy, n10 p106-17 1965.

TT-65-20423 Field 8G

Vinogradov, A. P.; Grinenko, L. N.
THE INFLUENCE OF THE COUNTRY ROCK ON THE SULPHUR ISOTOPE COMPOSITION OF ORE SULPHIDES. 10p.
Order from ETC: $1.10 as TT-65-20423

Trans. of Geokhimiya (USSR) n6 p491-9 1964.

TT-65-22518 Field 8G

Kityk, V. I.
THE FIRST SYMPOSIUM ON THE FORMATION AND CHARACTERISTICS OF OIL AND GAS DEPOSITS IN SALT DOMES. 7p. MTWL-1381; BPM-trans.1788.
Order from ETC: $1.10 as TT-65-22518

Trans. of Sovetskaya Geologiya (USSR) v8 n6 p165 1965.

TT-65-23805 Field 8G

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THE GEOLOGICAL SEARCH FOR OIL AND GAS IN THE USSR - THE ACHIEVEMENTS OF 1964 AND THE OBJECTIVES FOR 1965. 12p. MTWL-1384; BPM-tr.1801.
Order from ETC: $1.60 as TT-65-23805

Trans. of Geologiya Nefti i Gaza (USSR) v9 n4 p1-10 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-65-23806 Field 8G

Markovskii, N. I.
THE PALEOGEOGRAPHIC CRITERION OF THE DISTRIBUTION OF LARGE OIL AND GAS DEPOSITS. 5p, 4refs. MTWL-1385; BPM-tr.1800.
Order from ETC: $1.10 as TT-65-23806

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Neft i Gaz (USSR) v8 n6 p3-7 1965.

TT-65-25355 Field 8G

Bayanskii, T. E.
THE PARAMETERS OF THE PRE-PLANNING ECONOMIC APPRAISAL OF OIL AND GAS DEPOSITS. 7p, 4refs. BPM-tr-1817; MTWL-1386.
Order from ETC: $1.10 as TT-65-25355

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TT-65-31428 Field 8G, 7D, 7B, 6C

COMMUNIST CHINA'S SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 194. 2 Jul 65, 38p, refs. JPRS-30929.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-65-31428

Trans. of K'o Hsueh T'ung Pao (Chinese People's Republic) n4 p362-72, 298-303 1965.
Available copy will not permit fully legible reproduction.

TT-66-13158 Field 8G

Volarovich, M. P.; Bayuk, E. I.; Salekhli, T. M.
THE VELOCITIES OF ULTRASONIC LONGITUDINAL WAVES IN OIL- AND GAS-BEARING COLLECTORS OF AZERBAYDZHAN AT HIGH PRESSURES. 5p, 8refs.
Order from SLA: $1.10 as TT-66-13158

Trans. of Akademiya Nauk SSSR. Doklady, v163 n5 p1131-3 1965.

TT-66-13353 Field 8G

Ziegler, W.
PHYLOGENETIC DEVELOPMENT OF STRATIGRAPHICALLY IMPORTANT CONODONT GENERA OF THE MANTICOCERAS-STUFE (UPPER DEVONIAN, GERMANY) (Phylogenetische Entwicklung Stratigraphisch Wichtiger Conodonten-Gattungen in der Manticoceras-Stufe (Oberdevon, Deutschland). 48p, 23refs.
Order from SLA: $4.60 as TT-66-13353

Trans. of Neues Jahrbuch fuer Geologie und Palaeontologie. Abhandlungen (West Germany) v114 n2 p142-68 1962.

TT-66-13439 Field 8G

Ginzburg, A. I.
ON THE CHEMICAL COMPOSITION OF MINERALS OF THE CULUMBITE-TANTALITE GROUP (O Khimicheskom Sostave Mineralov Gruppy Kolumbita-Tantalita). 30p (foreign text included) 9refs.
Order from SLA: $2.60 as TT-66-13439

Trans. in manuscript of mono. Voprosy Mineralogii, Geokhimii i Petrografii, n.p. 1946 p36-42.

TT-66-23209 Field 8G, 8H

Neprochnov, Yu. P.
THE STRUCTURE AND THICKNESS OF THE SEDIMENTARY ROCK MASS IN THE ARABIAN SEA, THE BAY OF BENGAL AND THE ANDAMAN SEA. 10p, 5refs. MTWL-1403; BIPM-Trans.1846.
Order from ETC or SLA: $1.10 as TT-66-23209

Trans. of Akademiya Nauk SSSR. Institut Okeanologii. Trudy, v64 p214-25 1964.

TT-66-23210 Field 8G, 8N

Davydov, V. F.
PRELIMINARY PALAEOMAGNETIC SURVEY OF THE TRAP FORMATION OF THE SIBERIAN PLATFORM. 15p, 19refs. MTWL-1402; BIPM-Trans.1813.
Order from ETC or SLA: $1.60 as TT-66-23210

Trans. of Geologiya i Geofizika (USSR) n11 p66-79 1965.

TT-66-24684 Field 8G

Serova, M. Ya.
THE TAXONOMIC SIGNIFICANCE OF SOME MORPHOLOGICAL FEATURES OF THE GENUS CYCLAMMINA IN THE EXAMPLE OF CYCLAMMINA CANCELLATA BRADY. 20p.
Order from ETC: $1.60 as TT-66-24684

Trans. of Voprosy Mikropaleontologii (USSR) v7 n8 p13-29 1964.

TT-66-24685 Field 8G

Gustomesov, V. A.
THE ECOLOGY OF UPPER JURASSIC BELEMNITES. 14p.
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TT-66-24745 Field 8G

Gnevushev, M. A.; Kravtsov, Ya. M.
A FEW DATA ON THE MINOR ELEMENT CONTENT IN THE URAL AND YAKUTSK DIAMOND (Nekotorye Dannye o Sostave Primesei v Uralskikh i Yakutskikh Almazakh). 18p. CSIR-tr-.564.
Order from CSIR as CSIR-tr.564

Trans. of Vsesoyuznyi Geologicheskii Institut. Materialy: Geofizika (USSR) n40 p89-99 1960.

TT-66-24748 Field 8G, 20L

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INFRARED ABSORPTION SPECTRA OF DIAMOND WITH VARYING PHYSICAL CHARACTERISTICS (Infrakrasnye

Spektry Pogloshcheniya Almazov s Razlichnymi Fizicheskimi Svoistvami). 9p. CSIR-tr.571.
Order from CSIR as CSIR-tr.571

Trans. of Akademiya Nauk SSSR, Doklady, v166 n1 p63-6 1966.

TT-66-24968 Field 8G

Futergendler, S. I.
X-RAY STUDY OF SOLID INCLUSIONS IN THE URAL AND YAKUTSK DIAMOND (Rentgenograficheskoe Izuchenie Tverdykh Vklyuchenii v Uralskikh i Yakutskikh Almazakh). 27p. CSIR-tr.572.
Order from CSIR as CSIR-tr.572

Trans. of Vsesoyuznyi Geologicheskii Institut. Materialy: Geofizika (USSR) n40 p73-87 1960.

TT-66-25110 Field 8G, 13C, 20A

Yamshchikov, V. S.; Levushkin, L. N.
CONTROL OF THE QUALITY OF CARBONATE ROCK BY ULTRASOUND. AC/66/II-85.
Order from Cembureau as AC/66/II-85

Trans. of Tsement (USSR) v32 n2 p6 1966.

TT-66-33571 Field 8G, 4B

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 63. 22 Aug 66, 11p. JPRS-37142.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33571

TT-66-33688 Field 8G

Dugersuren, Zh.; Cherepovskii, V. F.
THE COAL INDUSTRY OF MONGOLIA. 26 Aug 66, 7p. JPRS-37259.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33688

Trans. of Razvedka i Okhrana Nedr (USSR) v32 n6 p62-4 1966.

TT-66-33784 Field 8G, 8N

Atanasiu, G.
DEVELOPMENT OF GEOPHYSICS IN RUMANIA IN THE LAST TWO DECADES. 30 Aug 66, 16p. JPRS-37355.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of Progresele Stiintei (Rumania) v2 n4 p116-21 1966.

TT-66-33785 Field 8G

GEOLOGICAL REVIEW. VOL. 19, NO. 3, MAR 1959. 30 Aug 66, 74p, refs. JPRS-37356.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-33785

Trans. of Ti Chih Lun P'ing (Chinese People's Republic) v19 n3 1959.

TT-66-33790 Field 8G, 14E

Shoyvanov, V. Zh.
EXPERIENCE IN THE APPLICATION OF SPECTROZONAL AERIAL PHOTOGRAPHS FOR TOPOGRAPHIC INTERPRETATION. 31 Aug 66, 7p. JPRS-37361.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of Geodeziya i Kartografiya (USSR) n6 p48-51 1966.

TT-66-33894 Field 8G

Kamal, M.
A SOVIET VIEW OF WESTERN OIL INTERESTS IN THE NEAR EAST. 7 Sep 66, 5p. JPRS-37466.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of Vyshka (USSR) 29 Jul p3 1966.

TT-66-34026 Field 8G, 8I

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: EARTH SCIENCES NO. 65. 14 Sep 66, 22p. JPRS-37598.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-62121 Field 8G, 8D

Ostrovskii, I. A.; Mishina, G. P.; Povilaitis, V. M.
PRESSURE-TEMPERATURE DIAGRAM OF PART OF THE SiO2-H2O SYSTEM (PT = Diagramma Chasti Sistemy SiO2-H2O). Tr. by David Kraus. Jun 66, 11p, 11refs. AmMetSoc-T-R-628; AD-637 467.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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Trans. of Fiziko-Khimicheskie Problemy Formirovaniya Gornykh Porod i Rud (USSR) v1 p541-6 1961.

TT-66-62125 Field 8G

Krylov, S. V.
THE EARTH CRUST STRUCTURE IN THE CENTER AND IN THE SOUTHEAST OF THE WEST SIBERIAN LOWLAND ACCORDING TO THE DATA OF ISOLATED SEISMIC SOUNDINGS (Stroenie Zemnoi Kori v Centre i na Yugo-Vostoke Zapadno-Sibirskoi Nizmennosti po Dannym Tochechykh Seismicheskikh Zondirovanii). Tr. by S. V. Krylov. Jun 66, 18p, 20refs. ACIC-TC-1061; AD-637 532.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-637 532

Trans. of Geologiya i Geofizika (USSR) n1 p10-20 1966.

TT-66-62128 Field 8G, 8E

Makagonov, P. P.; Solovev, G. A.
CONCERNING COMPUTATION OF THE TERRAIN CORRECTION FOR GRAVIMETER OBSERVATIONS (K Voprosu o Vychislenii Popravki za Relefa pri Nablyudeniyakh s Gravimetrom). Tr. by John M. Willis. Jul 66, 10p, 5refs. ACIC-TC-1091; AD-637 536.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-637 536

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Geologiya i Razvedka (USSR) v8 n5 p122-7 1965.

H. Hydrology and limnology

TT-65-33760 Field 8H

Kuznetsov, N. T.
THE WANDERING OF RIVERS AND LAKES IN CENTRAL ASIA. 7 Dec 65, 87p, refs. JPRS-33184.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-33760

Trans. of mono. Po Sledam Bluzhdayushchikh Rek (no. 8), Moscow, 1965 80p.

TT-66-13437 Field 8H

Kaneko, R.
HYDROLOGICAL INVESTIGATION OF SEEPAGE WATER UNDER LEVEE IN LOW SWAMPY LAND. 17p.
Order from SLA: $1.60 as TT-66-13437

Trans. of Nogyo Doboku Kenkyu (Japan) v32 n1 p24-30 1964.

TT-66-33414 Field 8H, 5D, 5C

SOUTH AND EAST ASIA: TRANSLATIONS NO. 124. Cambodia. 15 Aug 66, 17p. JPRS-36984.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33414

TT-66-33781 Field 8H, 8F

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NCH-205 307 Field 8J, 8D

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M. Soil mechanics

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N. Terrestrial magnetism

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09 ELECTRONICS AND ELECTRICAL ENGINEERING

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Order from ETC: $1.10 as TT-65-23696

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TT-66-33543 Field 9A

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NCH-205 275 Field 9B

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TT-65-33137 Field 9B

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TT-66-33638 Field 9B, 5C

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TT-66-33809 Field 9B, 6D, 9D

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TT-66-33831 Field 9B

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TT-66-33911 Field 9B, 13G, 13I

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TT-66-51008/2 Field 9B

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TT-66-62056 Field 9B

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TT-66-62102 Field 9B

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TT-66-62242 Field 9B

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C. Electronic and electrical engineering

NCH-201 685 Field 9C

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NCH-203 067 Field 9C, 19D, 21B

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NCH-203 068 Field 9C, 11I

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NCH-203 157 Field 9C, 14B

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NCH-203 158 Field 9C

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Order from NLL

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For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16 No. 4.

NCH-203 188 Field 9C

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A STATOR WINDING MACHINE OF THE OS-627 TYPE. 1965, 4p. EECL-Lib-Trans-1266.
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NCH-203 899 Field 9C

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Order from NLL

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NCH-203 901 Field 9C

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Order from NLL

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Order from NLL

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NCH-203 947 Field 9C

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A CONTACTLESS EXCITATION SYSTEM FOR SYNCHRONOUS MACHINES WITH SILICON CONTROLLED RECTIFIERS. 1 Nov 65, 9p. TP/T-3810.
Order from NLL

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NCH-203 948 Field 9C

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SPARK GAPS WITH NARROW-SLIT ELECTROMAGNETIC ARC-QUENCHING FOR A. C. VALVE-TYPE SURGE DIVERTERS. 20 Oct 65, 6p, TP/T-3799.
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TT-65-23227 Field 9C

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Order from ETC: $1.10 as TT-65-23227

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TT-65-23228 Field 9C

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Order from ETC: $1.10 as TT-65-23228

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Order from ETC: $1.10 as TT-65-23231

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Order from ETC or DTC: $2.60 as TT-65-29501

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TT-66-13316 Field 9C

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OVERVOLTAGE MEASUREMENTS WITH THE KLYDONOGRAPH IN GERMAN HIGH-VOLTAGE NETWORKS. 13p (figs omitted).
Order from SLA: $1.60 as TT-66-13316

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TT-66-13318 Field 9C

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Order from SLA: $2.60 as TT-66-13318

Trans. of l'Onde Electrique (France) v28 n255 p236-42 1948.

TT-66-13332 Field 9C

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APPLICATION OF THE ELECTRON THEORY TO BAD CONTACTS. (Application de la Theorie Electronique aux Mauvais Contacts). 30p (foreign text included) 2refs.
Order from SLA: $2.60 as TT-66-13332

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MEASUREMENT OF RESISTANCE OF GROUND CONNECTIONS. PRACITCAL PROCEDURE OF MEASUREMENTS. 15p (figs omitted) 11refs.
Order from SLA: $1.60 as TT-66-13338

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TT-66-32841 Field 9C, 17B, 6E

COMMUNIST CHINA: SCIENCE AND TECHNOLOGY TRANSLATIONS NO. 327. 11 Jul 66, 11p. JPRS-36409.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-32841

TT-66-33546 Field 9C, 9A

ALL-UNION SCIENTIFIC SESSION DEVOTED TO RADIO DAY (NO. 22): SECTION ON ELECTRONICS. 19 Aug 66, 149p, refs. JPRS-37117.
Order from CFSTI or ETC: HC$4.00, MF$1.00 as TT-66-33546

Trans. of mono. Vsesoyuznaya Nauchnaya Sessiya, Posvyashchennaya Dnyu Radio (no. 22): Sektsiya Elektroniki, Moscow, 1966 127p.

TT-66-33561 Field 9C, 20E

ALL-UNION SCIENTIFIC SESSION DEVOTED TO RADIO DAY (NO. 22): SECTION ON QUANTUM ELECTRONICS. 19 Aug 66, 101p, refs. JPRS-37132.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-66-33561

Trans. of mono. Vsesoyuznaya Nauchnaya Sessiya, Posvyashchennaya Dnyu Radio (no. 22): Sektsiya Kvantovoi Elektroniki, Moscow, 1966 101p.

TT-66-33714 Field 9C, 10B

USSR INDUSTRIAL DEVELOPMENT: ELECTRIC POWER, POWER MACHINERY, AND ELECTRICAL EQUIPMENT NO. 10. 29 Aug 66, 13p. JPRS-37285.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33714

TT-66-33756 Field 9C

USSR INDUSTRIAL DEVELOPMENT: ELECTRONICS AND PRECISION EQUIPMENT NO. 7. 30 Aug 66, 9p. JPRS-37327.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33756

TT-66-33992 Field 9C

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Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-66-33992

TT-66-62138 Field 9C

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Order from CFSTI or ETC: $2.00, MF$0.50 as AD-637 794

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TT-66-62196 Field 9C

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-638 666

Trans. of Elektrotekhnika (USSR) n10 p8-11 1965.

TT-66-62198 Field 9C, 9E

Zygmund, J.
A STATICAL FREQUENCY CANCER FOR FEEDING AN ASYNCHRONOUS MOTOR WITH A VOLTAGE OF REDUCED AND ADJUSTABLE FREQUENCY. Sep 66, 21p, 5refs. AERDL-T-1868-66; AD-638 668.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-638 668

Trans. of Przeglad Elektrotechniczny (Poland) n8 p315-9 1965.

D. Information theory

TT-65-33138 Field 9D

Levenshtein, V. I.
DELETION-, INSERTION-, AND SUBSTITUTION-CORRECTING BINARY CODES. 1 Nov 65, 9p, 5refs. JPRS-32659.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-65-33138

Trans. of Akademiya Nauk SSSR. Doklady, v164 n4 p845-8 1965.

TT-66-33545 Field 9D, 17B

ALL-UNION SCIENTIFIC SESSION DEVOTED TO RADIO DAY (NO. 22): SECTION ON THEORY AND TECHNIQUES OF TRANSMITTING DISCRETE SIGNALS. 19 Aug 66, 119p, refs. JPRS-37116.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as TT-66-33545

Trans. of mono. Vsesoyuznaya Nauchnaya Sessiya, Posvyashchennaya Dnyu Radio (no. 22): Sektsiya i Tekhniki Peredachi Diskretnykh Signalov, Moscow, 1966 86p.

TT-66-62095 Field 9D

Ershov, E. B.
METHOD OF OPTIMUM ENCODING OF INTERNAL STATES OF FINITE AUTOATON. 13 Apr 66, 29p, 16refs. FTD-MT-65-237; AD-637 417.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as AD-637 417

Edited machine trans. of Problemy Peredachi Informatsii (USSR) n17 p17-70 1964.

TT-66-62104 Field 9D, 12A

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PROGRESS IN MATHEMATICS. 26 Mar 66, 64p, 37refs. FTD-TT-65-348; AD-637 431.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as AD-637 431

Edited trans. of Shu Hsueh Chin Chan (Chinese People's Republic) v7 n1 38p 1964.

TT-66-62228 Field 9D

Zarenin, Yu. G.; Inosov, V. L.
CODES IN ENGINEERING. 4 Apr 66, 267p, 46refs. FTD-TT-65-1558; AD-638 878.
Order from CFSTI or ETC: HC$5.00, MF$1.25 as AD-638 878

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E. Subsystems

TT-65-22597 Field 9E

Tulunay, E.
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Order from ETC as TT-65-22597

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TT-66-13234 Field 9E

Fraunberger, F.
CHARACTERIZATION OF THE STEADY-STATE AND DYNAMIC BEHAVIOR OF AMPLIFIERS, PARTICULARLY OF AMPLIFYING GENERATORS. 19p.
Order from SLA: $1.60 as TT-66-13234

Trans. of Elektrotechnik und Maschinenbau (Austria) v69 p484-9 1952.

TT-66-13313 Field 9E

Neuman, E.
GROUNDING THE NEUTRAL OF CABLE NETWORKS EXPERIMENTS WITH GROUND COILS IN THE 30 KV CABLE NETWORK OF THE MUNICIPAL ELECTRICAL PLANT AT BERLIN. 23p, 1ref.
Order from SLA: $2.60 as TT-66-13313

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Paper presented at the Educational Society for High-Tension Plants, 8 June 23.

TT-66-13323 Field 9E

Mueller-Hillebrand, D.
STORM BREAKDOWNS IN MEDIUM-VOLTAGE NETWORKS ACCORDING TO STATISTICAL DETERMINATIONS. 24p (figs omitted) 9refs.
Order from SLA: $2.60 as TT-66-13323

Trans. of excerpts from ETZ; Elektrotechnische Zeitschrift. Ausgabe A. Zentralblatt fuer Elektrotechnik (Germany) v55 n6 p133-6; n7 p158-61; n10 p243-6 1934

TT-66-13324 Field 9E

Nimier.
CONTROL OF THE FREQUENCY OF THE CURRENT IN THE PARIS DISTRICT. 15p (figs omitted)
Order from SLA: $1.60 as TT-66-13324

Trans. of Annales Francaises de Chronometrie, n1 p45-55 1934.

TT-66-13331 Field 9E

Paul, H.
THE VARIABILITY WITH FREQUENCY OF RESISTANCE AMPLIFIERS. 12p.
Order from SLA: $1.60 as TT-66-13331

Trans. of Zeitschrift fuer Technische Physik (Germany) v11 n6 p203-6 1930.

TT-66-13336 Field 9E

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EARTH ANTENNAE AND THEIR USE IN RADIO STATIONS IN GERMAN EAST AFRICA DURING THE WAR. 29p (figs omitted).
Order from SLA: $2.60 as TT-66-13336

Trans. of Telegraphen-, Fernsprech-Funk- und Fernsprech-Technik (Germany) v10 p36-41, 55-60 1921.

TT-66-62090 Field 9E, 12A

Krasovskii, N. N.
OPTIMAL CONTROL IN ORDINARY DYNAMIC SYSTEMS. 21 Mar 66, 39p, 59refs. FTD-TT-65-2014; AD-637 390.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as AD-637 390

Unedited rough draft trans. of Uspekhi Matematicheskikh Nauk (USSR) v20 n3 p153-74 1965.

TT-66-62105 Field 9E

Gostyukhin, V. L.
WORKING ACCURACY OF MECHANICAL PHASE CONVERTER OF ULTRA HIGH FREQUENCY AND CONTINUOUS ACTION. 21 Mar 66, 26p, 2refs. FTD-TT-65-60; AD-637 432.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as AD-637 432

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TT-66-62224 Field 9E

Fedorov, V. A.; Doroshenko, G. G.
SENSITIVE STABLE AMPLITUDE DISCRIMINATOR. 6 Jun 66, 9p, 1ref. FTD-TT-65-1819; AD-638 871.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-638 871

Unedited rough draft trans. of Voprosy Dozimetrii i Zashchity ot Izluchenii (USSR) v3 p77-81 1964.

10 ENERGY CONVERSION (NON-PROPULSIVE)

A. Conversion techniques

NCH-203 155 Field 10A

Pavel, D.
ON CHOOSING METHODS FOR THE DIMENSIONING OF WATER-TURBINES. 1965, 26p, 7refs.
EECL-Lib-Trans-1307.
Order from NLL

Trans. of Energetica (Rumania) v12 n7 p301-10 1964.

NCH-203 156 Field 10A

Eremin, P. F.; Pogodin, B. A.
CLASSIFICATION OF PRODUCTS AND THEIR COMPONENTS AND TECHNICAL DOCUMENTATION OF THE BASIC PRODUCTION OF TURBINE CONSTRUCTION WORKS. 8 Nov 65, 11p. EECL-Lib-Trans-1317.
Order from NLL

Trans. of Energomashinostroenie (USSR) v10 n12 p27-31 1934.

NCH-203 946 Field 10A

Krivoshein, D. I.
AN 800-NW POWER-STATION UNIT WITH A TWIN-SHAFT TURBO-GENERATOR. 8 Nov 65, 6p. TP/T-3811.
Order from NLL

Trans. of Energetik (USSR) v13 n5 p3-5 1965.

NCH-205 069 Field 10A

Fister, W.
UNCOOLED TURBOCOMPRESSORS WITH MODIFIED OPERATING CONDITIONS. 1966, 21p. TC-2086.
Order from TC: $16.50 as TC-2086

Trans. of Chemie-Ingenieur-Technik (West Germany) v37 p1055-62 1965.

TT-66-13333 Field 10A

Kneissler-Maixdorf, L.
THE THEORY OF THE HOMOPOLAR GENERATOR. 35p (figs omitted).

Order from SLA: $3.60 as TT-66-13333

Trans. of Elektrotechnik und Maschinenbau (Austria) v61 n39/40 p479-86 1943.

TT-66-33866 Field 10A, 13M

USSR INDUSTRIAL DEVELOPMENT: ELECTRIC POWER, POWER MACHINERY, AND ELECTRICAL EQUIPMENT NO. 11. 6 Sep 66, 12p. JPRS-37438.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33866

TT-66-62117 Field 10A

Kotenev, I. V.; Shalnev, K. K.
INFLUENCE OF STRUCTURAL CHANGES OF A RADIALAXIAL HYDROTURBINE ON ITS CAVITATION. 1 Apr 66, 31p, 7refs. FTD-MT-65-499; AD-637 444.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as AD-637 444

Edited machine trans. of Zhurnal Prikladnoi Mekhaniki i Teknicheskoi Fiziki (USSR) n5 p26-38 1961.

TT-66-62122 Field 10A, 20D

Kotenev, I. V.; Shalnev, K. K.
BUSHING CAVITATION AND PRESSURE PULSATION IN THE DRAFT TUBE OF A TURBINE. 1 Apr 66, 30p, 24refs. FTD-MT-65-500; AD-637 477.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as AD-637 477

Edited machine trans. of Zhurnal Prikladnoi Mekhaniki i Tekhnicheskoi Fiziki (USSR) n2 p59-71 1962.

TT-66-62131 Field 10A, 20K

Kovalenko, A. D.
PLATES AND SHELLS IN TURBINE ROTORS. 17 Mar 66, 412p, 70refs. FTD-TT-65-1258; AD-637 592.
Order from CFSTI or ETC: HC$7.10, MF$2.00 as AD-637 592

Unedited rough draft trans. of mono. Plastiny i Obolochki v Rotorakh Turbomashin, Kiev, 1955 303p.

B. Power sources

TT-65-23702 Field 10B

Usov, S. V.; Pavlov, G. M.; Slabikov, V. A.
A COMPUTER FOR DETERMINING THE LOAD DISTRIBUTION IN POWER SYSTEMS CONTAINING HYDRO-ELECTRIC STATIONS. 7p.
Order from ETC: $1.10 as TT-65-23702

Trans. of Elektrichestvo (USSR) n3 p24-8 1962.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-31013 Field 10B

Korneev, M. I.; Andryushchenko, A. I.
OPERATION OF STEAM GAS INSTALLATIONS-USSR. 15 Mar 66, 22p, 8refs. JPRS-34573.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-31013

Trans. of Teploenergetika (USSR) n1 p2-5, 16-20 1966.

TT-66-33570 Field 10B

USSR INDUSTRIAL DEVELOPMENT: ELECTRIC POWER, POWER MACHINERY, AND ELECTRICAL EQUIPMENT NO. 8. 22 Aug 66, 22p. JPRS-37141.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33570

TT-66-33579 Field 10B, 9B

Vinogradova, A. I.; Mikhailova, E. G.; Shuvalov, N. K.
INVESTIGATION OF THE TRANSIENT CONDITIONS OF ELECTRIC-POWER SYSTEMS BY MEANS OF COMPUTERS. 22 Aug 66, 17p, 2refs. JPRS-37150.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33579

Trans. of Sudostroenie (USSR) n3 p40-5 1966.

TT-66-62184 Field 10B, 10A, 9C

Podoski, J.
POWER CONDITIONING DEVICES: ANALYTICAL SURVEY. 28 Jun 66, 163p, 62refs. ATD-66-82; AD-638 604.
Order from CFSTI or ETC: HC$5.00, MF$1.00 as AD-638 604

Based on Soviet open sources pub. 1957-65. Surveys of Foreign Scientific and Technical Literature.

C. Energy storage

TT-66-62223 Field 10C

Malevanaya, S. V. ; Plotnikov, Yu. I.
DISCHARGE MONITORING MEDIA AND SYSTEM OF AUTOMATIC CHARGING OF ALKALI STORAGE BATTERIES. 13 Jun 66, 8p. FTD-TT-65-1896; AD-638 870
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-638 870

Unedited rough draft trans. of Byulleten Tekhniko-Ekonomicheskoi Informatsii (USSR) n8 p18-20 1961.

TT-66-62235 Field 10C, 7D

Dasoyan, M. A.
CHEMICAL CURRENT SOURCES. 18 Apr 66, 428p, 130refs. FTD-TT-66-7; AD-638 888.
Order from CFSTI or ETC: HC$7.30, MF$2.00 as AD-638 888

Unedited rough draft trans. of mono. Khimicheskie Istochniki Toka, Moscow/Leningrad, 1961 350p.

11 MATERIALS

TT-66-33540 Field 11-

USSR SCIENTIFIC ABSTRACTS: MATERIALS SCIENCE AND METALLURGY NO. 6. 19 Aug 66, 105p. JPRS-37111.
Order from CFSTI or ETC: HC$4.00, MF$0.75
as TT-66-33540

TT-66-33856 Field 11-

USSR SCIENTIFIC ABSTRACTS: MATERIALS SCIENCE AND METALLURGY NO. 8. 6 Sep 66, 54p. JPRS-37428.
Order from CFSTI or ETC: HC$3.00, MF$0.50
as TT-66-33856

TT-66-34031 Field 11-

USSR SCIENTIFIC ABSTRACTS: MATERIALS SCIENCE AND METALLURGY NO. 10.
14 Sep 66, 77p. JPRS-37603.
Order from CFSTI or ETC: HC$3.00, MF$0.75
as TT-66-34031

A. Adhesives and seals

NCH-203 970 Field 11A, 11D

Markin, Yu. I.; Gorchakova, V. M.; Gul, V. E.; Voyutskii, S. S.
ADHESION OF HIGH POLYMERS TO METALS. III. INFLUENCE OF THE THICKNESS AND STRUCTURE OF AN OXIDE FILM ON THE METAL SUBSTRATE ON THE ADHESION. Tr. by R. J. Moseley. Sep 65, 13p, 28refs. RAPRA-1252.
Order from RAPRA: $15.00 as RAPRA-1252

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii, Khimiya i Khimicheskaya Tekhnologiya (USSR) v5 n5 p808-14 1962.

TT-66-62243 Field 11A

Evtushenko, A. M.
OPERATION OF CASCADE CONTACT SEALS.
31 Aug 66, 25p, 23refs. FTD-HT-66-281; AD-638 972.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-638 972

Unedited rough draft trans. of Vsesoyuznyi Nauchno-Issledovatelskii Institut Zheleznodorozhnogo Transporta. Trudy (USSR) n282 p123-42 1964.

B. Ceramics, refractories and glasses

NCH-204 474 Field 11B, 11F

Stalzer, M.
INTERNAL STRESSES IN ANODIC OXIDE COATINGS ON ALUMINIUM AND ALUMINIUM ALLOYS. 1966.
MFA/TS-824.
Order from MFA/TS: $22.00 as MFA/TS-824

Trans. of Galvanotechnik und Oberflaechenschutz (Switzerland) v7 n2 p39-49 1966.

NCH-204 996 Field 11B

Hubscher, M.
FOAM GLASS. I. PROPERTIES AND APPLICATION.
7 Apr 66. BISI-4570.
Order from BISI: L4 10s as BISI-4570

Trans. of Silikat Technik (East Germany) v5 p243-7 Jun 1954.

NCH-205 000 Field 11B, 13H

Poirson, G.
BREAKDOWN OF REFRACTORY BRICKS IN BLAST FURNACE STACKS DUE TO CARBON MONOXIDE.
7 Apr 66. BISI-4628.
Order from BISI: L7 10s as BISI-4628

Trans. of Revue de Metallurgie (France) v62 p299-309 1965.

NCH-205 070 Field 11B

Paquin, A. M.
NEW COMPOUNDS AND REACTIONS OF SULFAMIDE. 1966, 21p. TC-2085.
Order from TC: $17.00 as TC-2085

Trans. of Angewandte Chemie (West Germany) v60 p316-20 1948.

NCH-205 244 Field 11B, 5B

DICTIONARY OF GLASS-MAKING. DICTIONNAIRE DE VERRERIE. GLAS-FACHWOERTERBUCH. 1965, 233p.
Order from The Honorary Treasurer, International Commission on Glass, c/o Institut National du Verre, Charleroi, Belgium: BF400

NCH-205 303 Field 11B

Volzhenskii, A. V.; Ferronskaya, A. V.; Mikhailova, G. F.
SULFATE-RESISTANT GYPSO-POZZOLANIC AND GYPSO-SLAG CEMENTS OF IMPROVED STRENGTH. 1966, 5p.
ATS-66T91R.
Order from ATS: $8.35 as ATS-66T91R

Trans. of Stroitelnye Materialy (USSR) v11 n10 p30-2 1965.

TT-65-23224 Field 11B, 13C

Sulikowski, J.; Dyczek, J.; Sawkow, J.
DETERMINATION OF THE DEGREE OF DEHYDRATION OF GYPSUM IN CEMENT. 9p.
Order from ETC: $1.10 as TT-65-23224

Trans. of Cement, Wapno, Gips (Poland) v18(28) n5 p99-104 1963.

TT-65-23225 Field 11B, 13C

Sulikowski, J.; Sawkow, J.
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Order from ETC: $1.10 as TT-65-23225

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TT-66-13429 Field 11B, 20L

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Order from SLA: $3.60 as TT-66-13429

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Symposium on the Mechanical Resistance of Glass and Means for Improving Them.

TT-66-13466 Field 11B

Metzger, C.; Schwiete, H. E.
INQUIRIES INTO THERMIC EXPANSION AND CREEP RESISTANCE OF SILICA BRICKS (Untersuchungen ueber die Thermische Ausdehnung und das Dauerstandverhalten von Silikasteinen). 61p (foreign text included) 33refs.
Order from SLA: $6.60 as TT-66-13466

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TT-66-13467 Field 11B, 7D

Bray, P. J.; Kline, D.; Poch, W.
(11)B NUCLEAR MAGNETIC RESONANCE MEASUREMENTS OF HIGH-PRESSURE MODIFICATIONS OF B2O3 GLASS AND POTASSIUM BORATE GLASSES ((11)B-Kernmagnetische Resonanz-Messungen an Hochdruckmodifikationen von B2O3-Glas und Kaliumboratglaesern). 9p (foreign text included) 8refs.
Order from SLA: $1.10 as TT-66-13467

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GLASS AS THE MATERIAL FOR SOLID LASERS (Glas als Werkstoff fuer Festkoerperlaser). 32p (foreign text included) 39refs.
Order from SLA: $3.60 as TT-66-13469

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TT-66-13470 Field 11B

Rehm, K.
ON THE TESTING OF THE CHEMICAL BEHAVIOR OR SILICATE GLASSES (Beitraege zur Pruefung des Chemischen Verhaltens von Silicatglaesern). 11p (foreign text included) 4refs.
Order from SLA: $1.60 as TT-66-13470

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TT-66-13495 Field 11B, 20F

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PHOTOSENSITIVE GLASSES, DEVITRIFIED GLASSES AND PHOTOCHROMIC GLASSES (Verres Photosensibles, Verres Devitrifies et Verres Photochromiques). 47p (foreign text included) 31refs.
Order from SLA: $4.60 as TT-66-13495

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TT-66-21842 Field 11B, 7A

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DESIGN OF A HYDROCYCLONE FOR THE BENEFICIATION OF KAOLINS AND CLAYS (Konstruktsiya Gidrotsiklonov Dlya Obogashcheniya Kaolinov Iglin). 7p.
CSIR-tr.522.
Order from CSIR as CSIR-tr.522

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For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-25114 Field 11B, 13H

Ilyina, N. V.; Sokhatskaya, G. A.
LINING LIVES IN ROTARY KILNS IN 1964.
AC/66/II-96.
Order from Cembureau as AC/66/II-96

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TT-66-62082 Field 11B, 7D

Avarbe, R. G.
THERMODYNAMIC STABILITY OF MONOGARBIDES OF TRANSIENT METALS OF IV-VI SUBGROUPS.
23 Feb 65, 20p, 31refs. FTD-TT-65-1382; AD-637 381.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-637 381

Unedited rough draft trans. of Poroshkovaya Metallurgiya (USSR) n2 p41-9 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-62201 Field 11B, 20F

Margaryan, A. A.; Medvedev, N. M.
ULTRAVIOLET LIGHT TRANSMISSION OF FLUOBERYLLATE GLASSES WITH SMALL ADDITIONS OF THE RARE EARTH FLUORIDES OF CERIUM GROUP (Ultrafioletovoue Svetopropukanie Ftoroberillatnich Ctecol c Malima Dobavkami Redkozemelnich Ftoridov Zerievoi Gruppi). Aug 66, 14p, 7refs.
ERDL-T-1870-66; AD-638 671.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-638 671

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TT-66-62234 Field 11B, 14B

Rudakov, V. N.
USE OF THE ELECTROMAGNETIC METHOD FOR INVESTIGATING RESIDUAL THERMAL STRESSES IN CERAMICS. 13 Jun 66, 14p, 3refs.
FTD-TT-65-1965; AD-638 884.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-638 884

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C. Coatings, colorants and finishes

NCH-201 603 Field 11C, 13A

Fessel, F.
CONTINUOUS DRYING OF VENEER WITH JET VENTILATION. Feb 65, 15p, 8refs. FPLC-Trans-179; NRC-C-5408.
Order from NRC as C-5408

Trans. of Holz als Roh- und Werkstoff (West Germany) v22 n4 p129-39 Apr 64.

NCH-204 254 Field 11C

Kholodorskaya, R. S.; Zabyrina, K. I.; Spivak, N. M.
SYNTHESISING TEREPHTHALIC POLYETHERS AND OBTAINING ELECTRICALLY INSULATED IMPREGNATING LACQUERS ON THE BASIS THEREOF.
Dec 65, 10p, 6refs. RAPRA-1274.
Order from RAPRA: $18.00 as RAPRA-1274

Trans. of Lakokrasochnye Materialy i Ikh Primenenie (USSR) n3 p12-6 1963.

NCH-205 049 Field 11C

Hahn, E.
THE ELECTROPHORETIC COATING OF METALLIC CONDUCTING PRODUCTION PIECES - A NEW PROCESS FOR QUALITATIVELY HIGHLY VALUED, SENSIBLE ENAMEL COATING.
1966, 12p. TC-2107.
Order from TC: $9.50 as TC-2107

Trans. of Galvanotechnik und Oberflachenschutz (Switzerland) v6 n8 p187-90 1965.

NCH-205 051 Field 11C

Jedlinski, Z.
A STUDY OF THE PHYSICO CHEMICAL STRUCTURE OF ORGANIC COATINGS. 1966, 12p. TC-2039.
Order from TC: $11.00 as TC-2039

Trans. of Polimery (Poland) v8 n4 p151-4 1963.

NCH-205 072 Field 11C, 11I

Lunkiewicz, J.
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Order from TC: $12.00 as TC-2133

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NCH-205 170 Field 11C

Maisch, W.
THE ELECTRICAL RELATIONSHIPS IN ELECTROPHORETIC PAINTING. Mar 66. TTIS-NS-504.
Order from TTIS: $150.00 as NS-504

Trans. of Industrie-Lackier-Betrieb (West Germany) v33 p299-314 1965.

NCH-205 172 Field 11C

Sorokin, M. F.; Kochnova, Z. A.; Korkishko, Zh. T.; Vasileva, O. A.
ONE COMPONENT POLYURETHANE LACQUERS BASED ON POLYMERS OF n-BUTYL AND PHENYL GLYCIDYL ETHERS. Mar 66, 3refs. TTIS-NS-506.
Order from TTIS: $18.00 as NS-506

Trans. of Lakokrasochnye Materialy i Ikh Primenenie (USSR) n4 p1-4 1964.

NCH-205 173 Field 11C

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THE DISPERSIBILITY AND HIDING POWER OF PIGMENT MIXTURES. Mar 66, 13refs. TTIS-NS-507.
Order from TTIS: $15.00 as NS-507

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NCH-205 174 Field 11C

Uvarov, U. V.
THE INVESTIGATION OF THE SURFACE INTERACTIONS

OF TITANIUM DIOXIDE AND ALUMINUM OXIDE WITH THE ABSORBED MOLECULES BY INFRA-RED SPECTROSCOPY. Mar 66, 18refs. TTIS-NS-508.
Order from TTIS: $105.00 as NS-508

Trans. of Lakokrasochnye Materialy i Ikh Primenenie (USSR) n3 p7-15 1965.

NCH-205 175 Field 11C

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ADSORPTION CHARACTERISTICS OF RUTILE TITANIUM DIOXIDE MODIFIED WITH ZINC, ALUMINUM AND SILICON OXIDES. Mar 66, 8refs. TTIS-NS-509.
Order from TTIS: $36.00 as NS-509

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NCH-205 177 Field 11C, 11F

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SYNTHESIS AND EVALUATION OF GREEN PIGMENTS BASED ON THE COMPOUNDS OF TITANIUM AND CHROMIUM. Mar 66, 8refs. TTIS-NS-511.
Order from TTIS: $30.00 as NS-511

Trans. of Lakokrasochnye Materialy i Ikh Primenenie (USSR) v5 p1-4 1965.

NCH-205 179 Field 11C, 11F

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INVESTIGATION OF SOME CHARACTERISTICS OF TITANIUM CONTAINING COLOURED PIGMENTS. Mar 66, 11refs. TTIS-NS-513.
Order from TTIS: $30.00 as NS-513

Trans. of Lakokrasochnye Materialy i Ikh Primenenie (USSR) n5 p42-6 1965.

NCH-205 210 Field 11C

Klopfer, H.
FORMULAE AND PROCESS FOR THE DETERMINATION OF THE SOLIDS AND FILM VOLUME CONTENT OF PAINTS AND THE PORE VOLUME OF PAINT FILMS. Dec 65. TTIS-NS-544.
Order from TTIS: $75.00 as NS-544

Trans. of Farbe und Lack (West Germany) v71 p977-84 1965.

NCH-205 217 Field 11C

Sinitsyna, Yu. E.; Gadzhieva, R. G.; Kerorkova, T. A.
MODIFICATION OF PAINTS FOR APPLICATION TO WET SURFACES WITH SURFACTANTS. 1965. TTIS-NS-551.
Order from TTIS: $36.00 as NS-551

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NCH-205 218 Field 11C

Kanevskai, E. A.; Karyakina, N. I.; Maidorova, N. V.
INVESTIGATION OF THE PROCESSES CAUSING CHALKING OF PAINT FILMS. 1965. TTIS-NS-552.
Order from TTIS: $24.00 as NS-552

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NCH-205 219 Field 11C

Kochnova, Z. A.; Sorokin, M. F.
POLYURETHANE VARNISHES BASED ON 'BLOCKED' ISOCYANATES AND SIMPLE POLYETHERS. 1965. TTIS-NS-553.
Order from TTIS: $45.00 as NS-553.

Trans. of Lakokrasochnye Materialy i Ikh Primenenie (USSR) n6 p1-6 1965.

NCH-205 220 Field 11C, 20C

Dzidziguri, G. I.; Cherepov, G. A.
PAINTING OF WINDOW FRAMES IN A HIGH VOLTAGE ELECTRICAL FIELD. 1965. TTIS-NS-554.
Order from TTIS: $9.00 as NS-554

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NCH-205 222 Field 11C

Pamfilov, U. V.; Bondar, P. G.; Mazurkevich, Ya. S.
INFLUENCE OF TITANIUM DIOXIDE MODIFICATION ON THE ELECTRON DISPLACEMENT ENERGY. Aug 65. TTIS-NS-556.
Order from TTIS: $22.50 as NS-556

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NCH-205 369 Field 11C, 13H

Cupr, V.; Pelikan, J. B.
THE FORMATION OF PHOSPHATE COATINGS ON IRON AND STEEL. 1966, 5800wds. HB-6605.
Order from HB: $14.50 as HB-6605

Trans. of Metalloberflaeche (West Germany) v19 n6 p187-91 1965.

TT-66-13314 Field 11C

Nettmann, P.
MECHANICAL DESTRUCTION OF COATS OF COLOR AS A SYSTEMATIC QUALITY TEST. 21p, 1ref.
Order from SLA: $2.60 as TT-66-13314

Trans. of Farbe und Lack (Germany) n13/15 p149-50, 158-9, 175 1931.

D. Composite materials

TT-66-62080 Field 11D

Loshkarev, M. A.; Bogorad, M. L.
TESTS OF GLASS PLASTIC FOR THERMAL IMPACT. 21 Feb 66, 8p. FTD-TT-65-1189; AD-637 379.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-637 379

Unedited rough draft trans. of Teplovye Napryazheniya v Elementakh Konstruktsii (USSR) n4 p355-8 1964.

E. Fibers and textiles

NCH-203 123 Field 11E, 11L

Pechko, E. Ya.
NON WOVEN MATERIALS AND THE EQUIPMENT FOR THEIR MANUFACTURE IN PAPER INDUSTRY (Netkane Materialy i Oborudovanie dlya ikh Vyrabotki v Bymazhnoi Promyshlennosti). Aug 65, 7p. RTS-2890.
Order from NLL: 5s as RTS-2890

Trans. of Bumazhnaya Promyshlennost (USSR) v39 n6 p17-9 1964.

NCH-203 147 Field 11E, 13H

Lubyanitskii, G. D.
THE EMPLOYMENT OF ULTRASONICS: ULTRASONIC UNIT MODEL OKB-3195 FOR THE CLEANING OF SEPARATORS AND RING RAILS. 1965, 5p.
Trans-TR/486; NLL-M.5797.
Order from NLL as M.5797

Trans. of Tekstilnaya Promyshlennost (USSR) v25 p66-70 1965.

NCH-204 799 Field 11E

Grobe, V.; Reichert, H.
FIBERS FROM ACRYLONITRILE ALLYLSULFONATE COPOLYMERS. 1966, 22p. TC-1585.
Order from TC: $17.00 as TC-1585

Trans. of Faserforschung und Textiltechnik (East Germany) v16 n7 p330-48 1965.

NCH-204 887 Field 11E

Berg, H.
RECENT RESEARCH RESULTS AND DEVELOPMENT TRENDS IN THE FIELD OF SYNTHETIC FIBERS. 1966, 33p. TC-1714.
Order from TC: $23.00 as TC-1714

Trans. of Chemiefasern (West Germany) n2 p646-56 1965.

NCH-205 076 Field 11E, 7C

Kraus, A.
CONTRIBUTIONS TO THE KNOWLEDGE OF SOLVENTS FOR COLLODION WOOL. NO. 16: KETONES AND ALCOHOLS. 1966, 15p. TC-2091.
Order from TC: $13.50 as TC-2091

Trans. of Farbe und Lack (West Germany) v59 p181-6 1953.

NCH-205 095 Field 11E

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EFFECT OF PRIMARY ALIPHATIC AMINES ON THE STRUCTURE AND REACTIVITY OF COTTON CELLULOSE FIBERS. 1966, 12p. TC-2129.
Order from TC: $12.00 as TC-2129

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NCH-205 132 Field 11E

Bobeth, W.
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Order from TC: $15.00 as TC-1855

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NCH-205 133 Field 11E

CONTRIBUTION TO THE DETERMINATION OF THE DENSITY OF FIBROUS MATERIALS. 1966, 23p. TC-1856.
Order from TC: $17.00 as TC-1856

Trans. of Faserforschung und Textiltechnik (East Germany) v16 n3 p121-8 1965.

NCH-205 134 Field 11E

Lacko, V.
THE DETERMINATION OF IODINE SORPTION BY POLYESTER FIBERS. 1966, 5p. TC-1857.
Order from TC: $6.00 as TC-1857

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NCH-205 136 Field 11E

Vallee, M. J.
THE ALKYL ARYLSULFONATES IN THE SERVICE OF THE TEXTILE INDUSTRY. 1966, 14p. TC-2032.
Order from TC: $9.50 as TC-2032

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NCH-205 260 Field 11E

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PROPERTIES OF FIBERS FROM COPOLYMERS OF TEREPHTHALATES AND HEXAHYDRO-TEREPHTHALATES. 1966, 7p. ATS-61T92R.
Order from ATS: $10.75 as ATS-61T92R

Trans. of Khimicheskie Volokna (USSR) n4 p10-3 1962.

NCH-205 285 Field 11E

Geleji, F.; Barakat Selim, M. I.; Szabo, K.
PIGMENTATION OF POLYPROPYLENE FIBERS. 1966, 10p. ATS-90T91G.
Order from ATS: $13.80 as ATS-90T91G

Trans. of Faserforschung und Textiltechnik (East Germany) v16 n8 p395-400 1965.

TT-66-33853 Field 11E, 11H, 10B

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 307. 6 Sep 66, 31p. JPRS-37425.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-33853

F. Metallurgy and metallography

NCH-200 081 Field 11F

Nedeshan, S. A.; Rotenshtein, B. F.; Khorovits, B. A.; Safta, V. I.
IMPROVING FATIGUE STRENGTH BY THE ELECTRODEPOSITION OF AN IRON NICKEL ALLOY. 1965, 6p (foreign text included) 7refs. NLL-M.5334.
Order from NLL as M.5334

Trans. of Metallovedenie i Termicheskaya Obrabotka Metallov (USSR) n12 p37-40 1962.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

NCH-200 082 Field 11F

Kusmirskaya, G. A.
THE STRESSED STATE OF ELECTRODEPOSITED CHROMIUM. 1965, 9p (foreign text included) 3refs. NLL-M.5330.
Order from NLL as M.5330

Trans. of Metallovedenie i Termicheskaya Obrabotka Metallov (USSR) n12 p40-3 1962.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

NCH-200 083 Field 11F

Gulyaev, A. P.; Kozlova, G. V.; Molchanova, V. P.; Smirnova, T. G.
THE PROPERTIES OF ELECTRODEPOSITS ON MOLYBDENUM. 1965, 10p (foreign text included). NLL-M.5329.
Order from NLL as M.5329

Trans. of Metallovedenie i Termicheskaya Obrabotka Metallov (USSR) n7 p10-3 1962.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

NCH-202 469 Field 11F

Meyer, R.; Schmidt, Th.
SCALDING AND DECARBURISATION OF STEEL IN FURNACE ATMOSPHERES WITH AIR RATIOS OF FROM 0.45 TO 1.10 AT TEMPERATURES FROM 950 DEGREES TO 1250 DEGREES. 1965. BISI-4252.
Order from BISI: L5 10s as BISI-4252

Trans. of Gas Waerme (West Germany) v13 p387-96 Oct 1964.

NCH-202 552 Field 11F

Kozyrskii, G. Y.; Petrunin, G. A.
THE EFFECT OF THE DEGREE AND TEMPERATURE OF PRIOR DEFORMATION ON THE CREEP OF NICKEL. 1965, 12p (foreign text included) 9refs. NLL-M.5402.
Order from NLL as M.5402

Trans. of Akademiya Nauk URSR, Kiev. Instytut Metallofizyky. Sbornik Nauchnykh Rabot, n16 p39-43 1962.

NCH-203 893 Field 11F

Simanovsky, M. P.
LINEAR CONTRACTION OF HEAT RESISTING ALLOYS (Lineinaya Usadka Zharoprounykh Splavov). Oct 65, 17p (foreign text included) 8refs. NLL-M.5830.
Order from NLL

Unedited Commercial trans. of Politekhnicheskii Institut, Leningrad. Trudy (USSR) n224 p124-32 1963.

NCH-203 894 Field 11F, 13H

Simanovskii, M. P.
THERMAL STRESSES IN CASTINGS OF HEAT RESISTING ALLOYS (Termicheskie Napryazheniya v Litykh Zharoprochnykh Splavakh). Oct 65, 20p (foreign text included) 12refs. NLL-M.5829.
Order from NLL as M.5829

Unedited Commercial trans. of Politekhnicheskii Institut, Leningrad. Trudy (USSR) n224 p133-41 1963.

NCH-203 895 Field 11F, 13H

Bilyk, V. Va.
PYROMETRY IN TESTS ON THE CASTING PROPERTIES OF HIGH TEMPERATURE ALLOYS (Pirometriya v Issledovanii Liteinykh Svoistv Zharoprodhnykh Splavov). Sep 65, 30p (foreign text included) 7refs. NLL-M.5828.
Order from NLL as M.5828

Unedited Commercial trans. of Politekhnicheskii Institut, Leningrad. Trudy (USSR) n224 p217-28 1963.

NCH-203 896 Field 11F

Gruznkh, I. V.; Kotchkareva, G. P.
RESISTANCE TO CRACK FORMATION OF HEAT RESISTING ALLOYS (Treshchinoustoichivost Zharoprochnykh Splavov. Sep 65, 22p (foreign text included) 30refs. NLL-M.5827
Order from NLL

Unedited Commercial trans. of Politekhnicheskii Institut, Leningrad. Trudy (USSR) n224 p142-52 1963.

NCH-203 897 Field 11F

Dzhaparidze, E. S.; Gorgishvili, D. A.
SEPARATION OF MANGANESE IN THE FORM OF DIOXIDE FROM NICKEL AND COBALT (K Voprosu Otdeleniya Margansha v Vide Dvuokisi ot Nikelya i Kobalta). Sep 65, 19p (foreign text included) 10refs. NLL-M.5826.
Order from NLL

Trans. of Akademiya Nauk Gruzinskoi SSR, Tiflis, Institut Metallurgii. Trudy, v13 p255-63 1962.

NCH-203 904 Field 11F, 20B

Sadovskii, V. D.; Petrova, S. N.
EFFECT OF HIGH-TEMPERATURE THERMOMECHANICAL TREATMENT ON HEAT-RESISTANCE. Oct 65, 27p, 14refs. NLL-M.5845.
Order from NLL as M.5845

Trans. of mono. Issledovaniya po Vysokoprochnym Splavam i Nitevidnym Kristallam, Moscow, 1963 p41-53.

NCH-203 907 Field 11F, 13H

Bogdanov, M. T.
THE CASTING OF SPECIMENTS FOR TESTING THE MECHANICAL PROPERTIES OF HEAT-RESISTANT ALLOYS (Litye Obraztsi dlya Ispytaniya Mekhanicheskikh Svoistv Zharoprochnykh Splavov). Oct 65, 42p, 12refs. NLL-M-5833.
Order from NLL as M.5833

Trans. of Politekhnicheskii Institut, Leningrad. Trudy (USSR) n224 p153-75 1963.

NCH-203 908 Field 11F, 13H

Girshovich, N. G.; Nekhendzi, Yu. A.
THEORETICAL BASIS OF RESEARCH INTO THE CASTING PROPERTIES OF ALLOYS. Nov 65, 81p, 58refs. NLL-M-5834.
Order from NLL as M.5834

Trans. of Politekhnicheskii Institut, Leningrad. Trudy (USSR) n224 p24-59 1963.

NCH-203 910 Field 11F, 13H

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TT-65-25084 Field 11F

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TT-65-33143 Field 11F

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33143

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TITANIUM AND ITS ALLOYS NO. 10, INVESTIGATION OF TITANIUM ALLOYS. Tr. by Ch. Nisenbaum. 1966, 393p, refs. SFCSI-NASA (TT-65-50139); NASA-TT-F-362.
Order from CFSTI: $7.00 as NASA-TT-F-362

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TT-66-13289 Field 11F

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Order from SLA: $2.60 as TT-66-13340

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Order from IPST as IPST-2165

Trans. of mono. Splavy Niobiya, Moscow, 1964.

TT-66-33505 Field 11F, 13H

STUDIES ON THE PROPERTIES, TREATMENT AND PRODUCTION OF TITANIUM ALLOYS. 17 Aug 66, 26p, 8refs. JPRS-37076.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-33505

TT-66-33568 Field 11F, 13K

USSR INDUSTRIAL DEVELOPMENT: METALLURGY AND MINERALS NO. 8. 22 Aug 66, 26p. JPRS-37139.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33568

TT-66-33577 Field 11F, 10B, 5C

EAST EUROPEAN MATERIALS INDUSTRIES: TRANSLATIONS NO. 304. 22 Aug 66, 33p. JPRS-37148.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-33577

TT-66-33612 Field 11F

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33612

TT-66-33731 Field 11F

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33731

TT-66-33757 Field 11F

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33757

TT-66-33815 Field 11F

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33815

TT-66-33830 Field 11F, 10B

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33830

TT-66-33964 Field 11F, 5C

USSR INDUSTRIAL DEVELOPMENT: METALLURGY AND MINERALS NO. 15. 12 Sep 66, 22p. JPRS-37536.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33964

TT-66-34012 Field 11F, 8G

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34012

TT-66-59003-1 Field 11F, 8I

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Order from CFSTI: $3.00 as TT-66-59003-1

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TT-66-61086 Field 11F, 7D

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Apr 66, 32p, 17refs. AERDL-T-1838-66; AD-631 432.
Order from CFSTI, SLA, or ETC: HC$2.00, MF$0.50 as AD-631 432

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TT-66-62049 Field 11F

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2 Mar 66, 8p, 3refs. FTD-TT-65-1369; AD-637 102.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-637 102

Unedited rough draft trans. of mono. Nauchnyi Sovet Po Probleme Zharorrochnykh Splavov. Issledovaniya Stalei i Splavovo, Izdvo Nauka, Moskva, 1964 p118-20.

TT-66-62074 Field 11F

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Kontotovich, I. E.; Savkina, L. Ya.
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FTD-TT-65-1473; AD-637 433.
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TT-66-62114 Field 11F

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Order from SLA: $1.10 as TT-66-13226

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TT-66-33430 Field 11H, 11L

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INVESTIGATION OF TECHNOLOGICAL LUBRICANTS BASED ON SALT MIXTURES FOR HOT ROLLING OF TUBES. 22 Apr 66, 24p, 3refs. FTD-MT-65-118; AD-637 373.
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NCH-205 209 Field 11I, 13H

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Order from SLA: $1.60 as TT-66-13282

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NCH-203 968 Field 11J, 20F

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Order from NLL: $12.00 as RAPRA-1243

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NCH-204 259 Field 11J

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Order from SLA: $4.60 as TT-66-13062

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A RELIABLE MEANS OF REDUCING THE SINKING OF SMALL SOFTWOOD LOGS. Apr 65, 4p.
FPLC-Trans-180; NRC-C-5409.
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NCH-203 148 Field 11L, 7C

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TT-65-23682 Field 11L

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STUDIES ON PULP BLEACHING (III). 10 Nov 65, 12p.
INT-20.
Order from INT: $5.00 as INT-20

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THE INTERRELATIONSHIP BETWEEN THE DIMENSIONS OF THE STRUCTURAL ELEMENTS OF WOOD FIBERS. 33p, 48refs.
Order from SLA: $3.60 as TT-66-13368

Trans. of das Papier (West Germany) v19 n10 p557-70 1965.

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Order from SLA: $1.10 as TT-66-13463

Trans. of das Papier (West Germany) v19 n9 p497-502 1965.

12 MATHEMATICAL SCIENCES

A. Mathematics and statistics

NCH-203 117 Field 12A

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CONCERNING THE SPECTRUM OF LINEAR DIFFERENTIAL OPERATORS. Aug 65, 9p, 5refs. RTS-2581.
Order from NLL: 10s as RTS-2581

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NCH-203 118 Field 12A

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ON THE NATURE OF THE SPECTRUM OF ONE-DIMENSIONAL SINGULAR BOUNDARY VALUE PROBLEM. Aug 65, 11p, 7refs. RTS-2580.
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NCH-205 602 Field 12A

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TT-66-34029 Field 12A

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NCH-203 187 Field 12B

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13 MECHANICAL, INDUSTRIAL, CIVIL, AND MARINE ENGINEERING

A. Air conditioning, heating, lighting and ventilating

TT-66-33674 Field 13A, 8G

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TT-66-22620 Field 13B

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Palaty, J.
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TT-66-33611 Field 13B, 13M

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 10. 24 Aug 66, 14p. JPRS-37182.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-62191 Field 13B, 6J

Levine, B. S.
U. S. S. R. LITERATURE ON AIR POLLUTION AND R RELATED OCCUPATIONAL DISEASES, VOL. 13, PT. 1, ATMOSPHERIC OZONE: RESULTS OF THE U. S. S. R. INTERNATIONAL GEOPHYSICAL YEAR STUDIES PRESENTED AT THE 28-31 OCT. 1959 CONFERENCE REPORTS AND RESOLUTION. PT. 2, ATMOSPHERIC OZONE: DATA PRESENTED AT THE 21-23 MAY 1963 CONFERENCE ON ATMOSPHERIC OZONE. 1966, 285p, refs.
Order from CFSTI or ETC: HC$6.00, MF$1.50
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C. Construction equipment, materials and supplies

NCH-205 057 Field 13C

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NCH-205 085 Field 13C

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Order from TC: $21.00 as TC-1884

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TT-65-20606 Field 13C

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Order from BRS

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TT-65-20610 Field 13C

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Order from JLRD

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Order from Astex Publishing Company, Guildford, Surry, England

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Order from BRS

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TT-65-20634 Field 13C, 13M

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Order from BRS

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TT-65-20651 Field 13C

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ACCURACY IN MANUFACTURING AND ERECTING PRECAST CONCRETE UNITS AS A BASIS FOR IMPROVING THE QUALITY OF BUILDINGS (Tochnost Izgotovleniya i Montazha Sbornykh Zhelezobetonnykh Konstruktsii - Osnova Povysheniya Kachestva Stroitelstva). BRS-LC-1305.
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TT-65-29488 Field 13C

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TT-65-29490 Field 13C

Janowski, J.
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TT-66-23693 Field 13C, 13H

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TT-66-25111 Field 13C, 13G

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-638 209

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Order from IICH: $23.00 as IICH-8809

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NCH-202 366 (p.706-713) Field 13F, 13A

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Order from FS as FS-644

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Order from SLA: $7.60 as TT-66-13307

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MATERIALS USED FOR RAILS AND THEIR TESTING, WITH SPECIAL ATTENTION TO THE BALL PRESSURE TEST. 23p.
Order from SLA: $2.60 as TT-66-13334

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33517

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33566

TT-66-33584 Field 13F, 13J, 1C

USSR TRANSPORTATION: TRANSLATIONS NO. 133. 22 Aug 66, 29p. JPRS-37155.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-33584

TT-66-33616 Field 13F, 5C

USSR TRANSPORTATION: TRANSLATIONS NO. 134. 24 Aug 66, 33p. JPRS-37187.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-33616

TT-66-33669 Field 13F, 5C

USSR TRANSPORTATION: TRANSLATIONS NO. 135. 25 Aug 66, 18p. JPRS-37240.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33669

TT-66-33747 Field 13F, 17B, 11B

EAST EUROPEAN SERVICE INDUSTRIES: TRANSLATIONS NO. 465. 30 Aug 66, 69p. JPRS-37318.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-66-33747

TT-66-34048 Field 13F, 13J, 1C

USSR TRANSPORTATION: TRANSLATIONS NO. 138. 15 Sep 66, 48p. JPRS-37620.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-34048

G. Hydraulic and pneumatic equipment

TT-66-13455 Field 13G

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PNEUMATIC TRANSPORT AT HIGH MATERIAL CONCENTRATIONS (Pneumatische Foerderung bei Hohen Gutkonzentrationen). 22p (foreign text included).
Order from SLA: $2.60 as TT-66-13455

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NCH-200 112 Field 13H

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Order from BISI: L3 as BISI-4290

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Order from BISI: L9 10s as BISI-4479

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NCH-203 903 Field 13H, 11F

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THE MELTING OF (NICKEL-BASE) ALLOYS IN

INDUCTION VACUUM FURNACES FOR LOST-WAX CASTING. Nov 65, 8p, 3refs. NLL-M.5844.
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NCH-203 914 Field 13H, 11F

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For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

NCH-203 918 Field 13H

Mironov, Y. M.; Klyuev, N. M.; Topilin, V. V.
EFFECT OF ELECTRICAL PARAMETERS OF ELECTROSLAG REMELTING OF MELTING RATE AND METAL BATH (Vliyanie Elektricheskogo Rezhima Elektroshlakovogo Pereplava na Shorost Plavleniya Elektrodnogo Metalla i Kharakteristiki Metallicheskoi Vanny). Oct 65, 13p, 10refs. NLL-M.5814.
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Order from MFA/TS: $30.00 as MFA/TS-821

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NCH-204 966 Field 13H, 13D

APPARATUS FOR MANUFACTURING AND PACKING NAPKINS. 1966, 14p. TC-1835.
Order from TC: $14.50 as TC-1835

Trans. of Patent (Netherlands) 65-05 021.
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NCH-204 997 Field 13H, 13I

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Order from BISI: L4 10s as BISI-4594

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NCH-205 008 Field 13H

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NCH-205 012 Field 13H

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Order from BISI: L5 10s as BISI-4688

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NCH-205 336 Field 13H

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Order from HB: $18.50 as HB-6640

Trans. of Hutnik (Poland) v32 n4 p125-34 1965.

NCH-205 337 Field 13H

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DEVELOPMENT OF HOT CRACKS IN THE SEMI-CONTINUOUS CASTING OF PIPE. 1966, 1300wds. HB-6807.
Order from HB: $3.90 as HB-6807

Trans. of Liteinoe Proizvodstvo (USSR) n1 p11-2 1966.

NCH-205 340 Field 13H

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THE COLD SHAPING OF AUSTENITIC TUBES IN 18-9 TI STEEL BY PLUG DRAWING AND SINKING. 1966, 3700wds. HB-6840.
Order from HB: $9.70 as HB-6840

Trans. of Neue Huette (East Germany) v10 n6 p338-44 1965.

NCH-205 348 Field 13H

Khudorozhkov, I. P.
HEAT TREATMENT OF BLAST FURNACE SINTER.

1966, 1700wds. HB-6704.
Order from HB: $4.90 as HB-6704

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v8 n10 p37-41 1965.

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DETERMINATION OF THE LEVEL OF THE LIQUID STEEL IN THE MOLD DURING CONTINUOUS CASTING. 1966, 2300wds. HB-6836.
Order from HB: $8.50 as HB-6836

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PROSPECTS FOR IMPROVING THE PROCESSES OF COLD FORMING. 1966, 3600wds. HB-6660.
Order from HB: $9.70 as HB-6660

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NCH-205 370 Field 13H

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APPLICATION OF THE CONTINUOUS COOLING TRANSFORMATION (CCT) DIAGRAM TO THE PRACTICE OF HEAT TREATMENT. 1966, 2500wds. HB-6751.
Order from HB: $6.80 as HB-6751

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NCH-205 417 Field 13H

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SALT BATHS FOR HEAT TREATMENT OF HIGH-SPEED STEELS. III. 30 Jun 66, BISI-4505-III.
Order from BISI: L5 10s as BISI-4505-3

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NCH-205 424 Field 13H

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Order from BISI: L6 10s as BISI-4807

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NCH-205 425 Field 13H

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Order from BISI: L3 as BISI-4817

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NCH-205 437 Field 13H, 11H

Juretzek, G.
USE OF HYDRODYNAMIC LUBRICATION IN WIRE DRAWING. 30 Jun 66. BISI-4903.
Order from BISI: L5 10s as BISI-4903

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NCH-205 438 Field 13H

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Order from HB: $5.80 as HB-6674

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NCH-205 439 Field 13H

Yusipov, Z. I.; Kremenskii, I. G.
EXTRUSION THROUGH A ROLL DIE. May 66, 1500wds. HB-6851.
Order from HB: $4.50 as HB-6851

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NCH-205 440 Field 13H

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PRODUCTION OF COMPLEX DEOXIDIZERS ON AN IRON-MANGANESE-SILICON-ALUMINUM BASE. May 66, 3500wds. HB-6780.
Order from HB: $9.30 as HB-6780

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NCH-205 441 Field 13H

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Order from HB: $8.90 as HB-6827-2

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NCH-205 442 Field 13H

Doerr, W.; Recknagel, W.
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Order from HB: $12.50 as HB-6789

Trans. of Stahl und Eisen (West Germany) v85 n25 p1686-91 1965.

NCH-205 443 Field 13H

Eketorp, S.
CONTINUOUS STEELMAKING. May 66, 2700wds. HB-6815.
Order from HB: $8.50 as HB-6815

Trans. of Teknisk Tidskrift (Sweden) v94 n45 p1229-32 1964.

NCH-205 444 Field 13H

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EFFECT OF BATH MOTION ON SPLASHING (OF BASIC OXYGEN FURNACE BATH). Pt. 2 of a Study of Various Phenomena in Basic Oxygen LD Furnaces, Based on Room Temperature Models. May 66, 1850wds. HB-6712.
Order from HB: $7.20 as HB-6712

Trans. of Tetsu to Hagane (Japan) v51 n10 p1909-11 1965.

NCH-205 445 Field 13H

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THE DROP IN TEMPERATURE BETWEEN THE END-POINT OF THE FLOW AND THE TAP IN THE BASIC OXYGEN LD PROCESS. Pt. 1. of the Temperature Drop Between End Point of Blow and Pouring in the Basic Oxygen LD Process. May 66, 1700wds. HB-6716.
Order from HB: $6.70 as HB-6716

Trans. of Tetsu to Hagane (Japan) v51 n10 p1928-30 1965.

NCH-205 446 Field 13H

Tamamoto, S.; Iwase, K.; Yoshida, K.
THE EFFECT OF MILLSCALE ON THE BASIC OXYGEN LD PROCESS. May 66, 1400wds. HB-6747.
Order from HB: $5.40 as HB-6747

Trans. of Tetsu to Hagane (Japan) v51 n4 p740-2 1965.

NCH-205 447 Field 13H

Yamaguchi, T.
MANUFACTURE OF (LARGE) CARBON STEEL CASTINGS FROM BASIC OXYGEN LD FURNACE STEEL. May 66, 900wds. HB-6748.
Order from HB: $3.70 as HB-6748

Trans. of Tetsu to Hagane (Japan) v51 n4 p743-4 1965.

NCH-205 448 Field 13H

Katrus, O. A.
SOME PROBLEMS IN SINTERING AND COMPACTION OF STOCK ROLLED FROM POWDERS. May 66, 2800wds. HB-6872.
Order from HB: $6.80 as HB-6872

Trans. of Poroshkovaya Metallurgiya (USSR) n2(38) p31-9 1966.

NCH-205 449 Field 13H

Zhivov, L. I.
INVESTIGATION OF THE HOT EXTRUSION OF ALLOYS OF COPPER POWDER WITH BORON NITRIDE DISPERSIONS. May 66, 1100wds. HB-6865.
Order from HB: $3.70 as HB-6865

Trans. of Kuznechno Shtampovochnoe Proizvodstvo (USSR) v8 n3 3p 1966.

NCH-205 450 Field 13H

Zalesskii, V. I.; Volkov, I. P.
INVESTIGATION INTO THE DEFORMATION OF METALS DURING UPSETTING UNDER VIBRATIONAL LOADS. May 66, 1700wds. HB-6853.
Order from HB: $4.90 as HB-6853

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Chernaya Metallurgiya (USSR) v8 n9 p98-102 1965.

NCH-205 451 Field 13H

Shadek, E. A.
THE PROBLEM OF HEATING STEEL BILLETS IN FUSED GLASS. May 66, 750wds. HB-6663.
Order from HB: $2.50 as HB-6663

Trans. of Kuznechno-Shtampovochnoe Proizvodstvo (USSR) v7 n9 p36 1965.

NCH-205 452 Field 13H

Jakel, T.
MAGNETIC AND ELECTROMAGNETIC METHODS FOR THE NONDESTRUCTIVE TESTING OF THE DEPTH OF HARDENING OF CASE-HARDENED SEMIFINISHED AND FINISHED PRODUCTS. PT. 1, PHYSICAL TECHNICAL FUNDAMENTALS. May 66, 5700wds. HB-6650-1.
Order from HB: $16.50 as HB-6650-1

Trans. of Materialpruefung (West Germany) v7 n7 p243-50 1965.

NCH-205 453 Field 13H

Meyer-Nolkemper, H.
FORGING IN ENCLOSED DIES (FLASH-FREE FORGING) AN EVALUATION OF THE LITERATURE. May 66, 4700wds. HB-6754.
Order from HB: $12.50 as HB-6754

Trans. of Werkstattstechnik (Germany) v55 n3 p398-403 1965.

NCH-205 454 Field 13H

Holzmueller, A.
INVESTIGATION OF THE VELOCITY FACTOR OF OUTFLOW SPEEDS IN THE POURING OF CAST IRON. May 66, 2600wds, HB-6784.
Order from HB: $7.80 as HB-6784

Trans. of Giesserei (West Germany) v50 n15 p454-7 1963.

NCH-205 455 Field 13H

Rinesch, R. F.; Kaspar, G.; Truppe, M.
IMPORTANCE OF THE BASIC OXYGEN LD PROCESS FOR STEEL FOUNDRIES, PT. 2. May 66, 7700wds. HB-6643-2.
Order from HB: $19.80 as HB-6643-2

Trans. of Giesserei (West Germany) v52 n16 p485-93 1965.

NCH-205 456 Field 13H

Goossens, H.; Hoepfner, G.
PLANNING OF, AND OPERATIONAL EXPERIENCE IN, AN EXTENSIVELY AUTOMATED SPECTROMETRIC LABORATORY OF A STEEL FOUNDRY. May 66, 2700wds. HB-6852.
Order from HB: $7.80 as HB-6852

Trans. of Giesserei (West Germany) v53 n6 p161-6 1966.

NCH-205 457 Field 13H

Kempers, H.
STEELPLANT INGOT MOLDS OF NODULAR IRON. May 66, 3100wds. HB-6802.
Order from HB: $6.30 as HB-6802

Trans. of Giesserei (West Germany) v53 n1 p15-8 1966.

NCH-205 458 Field 13H

Wakabayashi, K.
USE OF LIME WITH FE2O3 ADDITIONS IN A BASIC OXYGEN LD FURNACE. May 66, 1800wds. HB-6746.
Order from HB: $6.90 as HB-6746

Trans. of Tetsu to Hagane (Japan) v51 n4 p737-40 1965.

NCH-205 459 Field 13H

Araki, T.; Yoshida, K.; Marukawa, K.
BEHAVIOR OF SULFUR IN THE BASIC OXYGEN PROCESS WHEN BLOWING DEAD-SOFT STEEL. May 66, 1950wds. HB-6745.
Order from HB: $7.50 as HB-6745.

Trans. of Tetsu to Hagane (Japan) v51 n4 p735-7 1965.

NCH-205 460 Field 13H

Hayashi, S.; Ono, S.; Kobayashi, T.
EFFECT OF VARIOUS FACTORS ON THE MANGANESE CONTENT OF THE METAL BATH IN THE BASIC OXYGEN LD PROCESS. May 66, 1900wds. HB-6744.
Order from HB: $7.30 as HB-6744

Trans. of Tetsu to Hagane (Japan) v51 n4 p732-5 1965.

NCH-205 461 Field 13H

Schwenzfeier, W.; Pawelski, O.
ANNEALING TRIALS ON STEEL WIRE IN VARIOUS FURNACE ATMOSPHERES. May 66, 5400wds. HB-6839.
Order from HB: $14.50 as HB-6839

Trans. of Stahl und Eisen (West Germany) v85 n21 p1320-7 1965.

NCH-205 462 Field 13H

Dickens, P.; Koenig, P.; Jaensch, P.
THE SPECTROMETRIC ANALYSIS OF PIG IRONS AND LOW CARBON, LOW MANGANESE STEELS. May 66, 3400wds. HB-6847.
Order from HB: $9.50 as HB-6847

Trans. of Archiv fuer das Eisenhuettenwesen (West Germany) v37 n2 p127-31 1966.

NCH-205 463 Field 13H

Hasko, F.
EFFECT OF CONTAMINATION BY IRON UPON THE OPERATION OF CYANIDE ZINC (PLATING) BATHS. May 66, 1200wds. HB-6893.
Order from HB: $3.30 as HB-6893

Trans. of Metalloberflaeche (West Germany) v19 n8 p263-4 1965.

NCH-205 464 Field 13H

Lueg, W.; Treptow, K. H.
LUBRICANTS AND LUBRICANT CARRIERS FOR (COLD) DRAWING OF STEEL WIRE. PT. 2. May 66, 7400wds. HB-6846.
Order from HB: $18.50 as HB-6846

Trans. of Stahl und Eisen (West Germany) v76 n17 p1107-16 1956.

NCH-205 465 Field 13H

Haastert, H. F.; Koehler, E.; Schuermann, E.
THE PATTERN OF NITROGEN, SILICON, AND SULFUR ELIMINATION AND THE BEHAVIOR OF TITANIUM DURING THE PRETREATMENT OF OPEN HEARTH AND BASIC BESSEMER HOT METALS WITH SODA. May 66, 4600wds. HB-6777.
Order from HB: $12.50 as HB-6777

Trans. of Stahl und Eisen (West Germany) v85 n24 p1588-95 1965.

NCH-205 466 Field 13H

Lang, K.
A NEW PROCESS OF ELECTROLESS NICKEL PLATING. May 66, 6400wds. HB-6834.
Order from HB: $18.50 as HB-6834

Trans. of Metallorberflaeche (West Germany) v19 n8 p257-62 1965.

NCH-205 467 Field 13H

Kusakawa, T.; Watanabe, Y.
DEOXIDATION OF IRON CARBON ALLOYS WITH CERIUM AND THE RESULTING NONMETALLIC INCLUSIONS. May 66, 1900wds. HB-6669.
Order from HB: $7.30 as HB-6669

Trans. of Tetsu to Hagane (Japan) v51 n10 p1970-3 1965.

NCH-205 468 Field 13H

Mori, T.
THERMODYNAMIC BEHAVIOR OF COLUMBIUM CARBIDE, CARBONITRIDE, NITRIDE AND SULFIDE IN STEEL. May 66, 1950wds. HB-6899.
Order from HE: $7.50 as HB-6899

Trans. of Tetsu to Hagane (Japan) v51 n11 p2031-3 1965.

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Order from BISI: $19.60 as BISI-4886

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Order from SLA: $1.60 as TT-66-13347

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TT-66-13348 Field 13H

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PRESS FOR THERMOPLASTIC MATERIALS (Machines de Fabrication et Machines Diverses. II. Presse Automatique a Barillet a Mouler par Injection les Matieres Thermo-Plastiques). 8p (foreign text included).
Order from SLA: $1.10 as TT-66-13348

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PRODUCTION TECHNOLOGY AND PROPERTIES OF HEAT-RESISTING CAST IRON. Tr. by A. Wald. 146p, 71refs. IPST-2171.
Order from IPST as IPST-2171

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TT-66-25116 Field 13H

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DIAGRAM FOR CURRENT STABILIZATION IN ELECTROSTATIC PRECIPITATOR OF LURGI TYPE. AC/66/II-106.
Order from Cembureau as AC/66/II-106

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TT-66-33639 Field 13H, 11F

USSR INDUSTRIAL DEVELOPMENT: METALLURGY AND MINERALS NO. 10. 24 Aug 66, 40p. JPRS-37210.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-33639

TT-66-33842 Field 13H

ELECTRONIC TREATMENT OF MATERIALS, NO. 3, 1965. 2 Sep 66, 131p. JPRS-37414.
Order from CFSTI or ETC: HC$4.00, MF$1.00 as TT-66-33842

Trans. of Elektronnaya Obrabotka Materialov (USSR) n3 93p 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-33883 Field 13H, 13I

PRAVDA EDITORIAL (31 AUG 66): TRANSLATION NO. 678. 6 Sep 66, 4p. JPRS-37455.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33883

TT-66-33953 Field 13H

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SOVIET METAL ROLLING TECHNOLOGY. 9 Sep 66, 40p, refs. JPRS-37525.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-33953

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Ermakov, A. N.; Panasyuk, V. V.; Teterko, A. Ya.
INSTRUMENT FOR DETECTING DEFECTS IN THE SUBSURFACE LAYER OF A NONMAGNETIC METAL. 1 Apr 66, 22p, 11refs. FTD-MT-65-18; AD-637 372.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-637 372

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Order from CFSTI or ETC: HC$2.00, MF$0.50 as AD-637 374

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STRUGGLE WITH CORROSION IN PETROLEUM REFINING INDUSTRY OF CZECHOSLOVAKIAN SOCIALIST REPUBLIC. 22 Apr 66, 23p, 6refs. FTD-MT-65-319; AD-637 377.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-637 377

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I. Machinery and tools

NCH-200 228 Field 13I, 11-

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THE USE OF HEAT-RESISTANT FRICTIONAL MATERIALS IN ENGINEERING (Primenenie Teplostoykikh Friktsionnykh

Materialov v Mashinostroenii). Dec 64, 90p, 23refs. RTS-2638.
Order from NLL: 40s as RTS-2638

Trans. of mono. Nove Materialy, Moscow, 1963 ser6-81 n4.

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Order from NLL: L1 10s

Trans. of mono. Teoreticheskie Osnovy Gidravlicheskogo Rascheta Kovochnykh Pressov, Leningrad, n.d.

NCH-204 672 Field 13I

Patocka, I. V.
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Trans. of Strojirenstvi (Czechoslovakia) v15 n7 p491-7 1965.

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Order from HB: $4.80 as HB-6863

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Order from BISI: $19.60 as BISI-4924

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Order from INT: $5.00 as INT-21

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Order from SLA: $1.60 as TT-66-13385

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USSR INDUSTRIAL DEVELOPMENT: METALWORKING EQUIPMENT NO. 201. 7 Sep 66, 12p. JPRS-37472.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33900

J. Marine engineering

NCH-201 300 Field 13J

Yukio Yoshizawa
A THEORETICAL STUDY OF THE FERRY ROUTE CAPACITY. 1965, 67p. BSRA-1897.
Order from BSRA: L5 as BSRA-1897

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Order from BSRA: L5 as BSRA-2206

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Order from BSRA as BSRA-2195

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16 Aug 66, 9p. JPRS-37014.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33444

TT-66-33601 Field 13J, 5I

SOVIET MILITARY TRANSLATIONS NO. 308.
24 Aug 66, 32p. JPRS-37172.
Order from CFSTI or ETC: HC$2.00, MF$0.50
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TT-66-33733 Field 13J

SOVIET MILITARY TRANSLATIONS NO. 314. 29 Aug 66, 12p. JPRS-37304.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-33733

TT-66-33764 Field 13J

USSR TRANSPORTATION: TRANSLATIONS NO. 136.
30 Aug 66, 52p. JPRS-37335.
Order from CFSTI or ETC: HC$3.00, MF$0.50
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TT-66-33854 Field 13J, 13F, IE

USSR TRANSPORTATION: TRANSLATIONS NO. 137.
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TT-66-62202 Field 13J, 15A

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BuShips-Trans-988; AD-638 789.
Order from CFSTI or ETC: HC$4.00, MF$0.75
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K. Pumps, filters, pipes, fittings, tubing and valves

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1966, 25p (Foreign text included) 29refs.
NEL-Trans-1788.
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Order from BRS

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Order from DTC as DTC-70

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Order from BRS as BRS-LC-1285

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TT-65-23705 Field 13M, 20K

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Order from Cembureau as AC/66-II-136

Trans. of Epites Tudomanyi Intezet Kozlemenyek (sic) (Hungary) n35 1964.

TT-66-33659 Field 13M

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 11. 25 Aug 66, 34p. JPRS-37230.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-33659

TT-66-33814 Field 13M, 11B, 5C

USSR INDUSTRIAL DEVELOPMENT: CONSTRUCTION, CONSTRUCTION MACHINERY, AND BUILDING MATERIALS NO. 15. 1 Sep 66, 19p. JPRS-37385.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33814

TT-66-33822 Field 13M

USSR INDUSTRIAL DEVELOPMENT: ELECTRONICS AND PRECISION EQUIPMENT NO. 8. 1 Sep 66, 5p. JPRS-37393.
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TT-66-62058 Field 13M, 20K

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PROBLEMS IN DYNAMICS AND STABILITY OF SHELLS. 22 Mar 66, 443p, 100refs. FTD-MT-64-351; AD-637 155.
Order from CFSTI or ETC: HC$7.43, MF$2.00 as AD-637 155

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14 METHODS AND EQUIPMENT

B. Laboratories, test facilities, and test equipment

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Hisashi Yada.
STUDIES ON THE HARDNESS OF CIGARETTES (III) ON THE HARDNESS MEASURING INSTRUMENT BY STRAIN. 1965, 21p. TC-1375.
Order from TC: $19.00 as TC-1375

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Order from TC: $19.00 as TC-1572

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Jul 66, 14p, 4refs. FSTC-HT-23-132-66; AD-637 627.
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E. Reprography

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NCH-205 264 Field 14E

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Order from ATS: $47.50 as ATS-23T91J

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Nesper, E.
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Order from SLA: $1.60 as TT-66-13300

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TT-66-33956 Field 14E

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DOMESTIC PHOTOGRAPHIC PAPERS FOR PRINTING DOCUMENTS AND TEXTS. 12 Sep 66, 9p. JPRS-37528.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33956

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-637 422

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15 MILITARY SCIENCES

TT-66-33511 Field 15-

NORTH VIETNAM: TRANSLATIONS NO. 19.
17 Aug 66, 57p. JPRS-37082.
Order from CFSTI or ETC: HC$3.00, MF$0.50 as TT-66-33511

TT-66-33872 Field 15-

SOVIET MILITARY TRANSLATIONS NO. 318. 6 Sep 66, 49p. JPRS-37444.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-33872

TT-66-33993 Field 15-, 5I

NORTH VIETNAM: TRANSLATIONS NO. 28.
13 Sep 66, 20p. JPRS-37565.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33993

B. Chemical, biological, and radiological warfare

TT-66-33789 Field 15B

Ovcaric, A.; Pavnovic, M.
YUGOSLAV COMMENT ON BIOLOGICAL WARFARE

AGENTS. 31 Aug 66, 13p. JPRS-37360.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-61679 Field 15B, 6F, 6M, 6E

CBE FACTORS: MONTHLY SURVEY NO. 6. 1966, 90p.
ATD-66-64; AD-635 256.
Order from CFSTI or ETC: HC $6.00 MF$0.75
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C. Defense

TT-66-32818 Field 15C, 2B, 6E

NORTH VIETNAM: TRANSLATIONS NO. 2. 8 Jul 66, 71p.
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Order from CFSTI or ETC: HC$3.00, MF$0.75
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TT-66-33440 Field 15C, 5D, 13B

NEAR EAST: TRANSLATIONS NO. 15. 15 Aug 66,
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Order from CFSTI or ETC: HC$2.00, MF$0.50
as TT-66-33440

TT-66-33586 Field 15C, 5I

SOVIET MILITARY TRANSLATIONS NO. 307.
22 Aug 66, 15p. JPRS-37157.
Order from CFSTI or ETC: HC$1.00, MF$0.50
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TT-66-33666 Field 15C

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TT-66-33728 Field 15C

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TT-66-33741 Field 15C, 5D, 2E

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n7 p1-96 1966.

G. Operations, strategy, and tactics

TT-65-32724 Field 15G, 5D

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TT-66-61803 Field 15G, 9B, 6D

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TT--66-33754 Field 17B

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Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33754

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TT-66-33824 Field 17B

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TT-66-33943 Field 17B

ALL-UNION SCIENTIFIC SESSION, DEVOTED TO RADIO DAY (NO. 22): SECTION OF WIRE COMMUNICATIONS. 9 Sep 66, 65p, refs. JPRS-37515.
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TT-66-33944 Field 17B, 14C, 20A

ALL-UNION SCIENTIFIC SESSION, DEVOTED TO RADIO DAY (NO. 22): SECTION ON RADIO BROADCASTING, ELECTROACOUSTICS AND SOUND RECORDING. 9 Sep 66, 40p, refs. JPRS-37516.
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TT-66-33946 Field 17B

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G. Navigation and guidance

TT-66-51024 Field 17G, 22C

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B. Isotopes

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D. Nuclear instrumentation

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ON THE MECHANISM OF FERMI ACCELERATION IN THE ONE-DIMENSIONAL CASE. Tr. by E. Fischer. 12p, 11refs. CERN-65/1300/5 p/mm.
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E. Nuclear power plants

NCH-202 364 (p.346-351) Field 18E

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F. Radiation shielding and protection

TT-65-20586 Field 18F

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CONCRETE SHIELDING OF NUCLEAR REACTORS.
Order from Cembureau

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TT-66-12836 Field 18F, 18H

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THE SENSITIVITY TO BETA RAYS OF FUJI GAMMA-RAY BADGE FILM AND THE EVALUATION OF BETA-RAY DOSE. Tr. by L. Allen. Jan 64, 14p (refs omitted). NP-tr-1195.
Order from SLA: $1.60 as TT-66-12836

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TT-66-12837 Field 18F

Becker, K.
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Order from SLA: $1.60 as TT-66-12837

Trans. of Nukleonik (West Germany) v5 n4 p154-9 1963.

TT-66-12940 Field 18F

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Order from SLA: $4.60 as TT-66-12940

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Buscaglione, S.; Manzini, R.
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TT-66-23810 Field 18F

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J. Reactor materials

TT-66-12942 Field 18J, 18D

Roux, A.; Richard, M.; Eyraud, L.; Elston, J.
MEASUREMENT OF THE WIGNER ENERGY OF BeO (Mesure de l'Energie Wigner de BeO). 5p (foreign text included) 5refs. AEC-tr-6454.
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Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v258 p101-2 1964.

TT-66-13403 Field 18J

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PHYSICAL CONSTANTS OF FLUORIDE SALT MELTS, WITH SPECIAL APPLICATION TO THE MOSEL REACTOR CONCEPT. 46p, 10refs.
Order from SLA: $4.60 as TT-66-13403

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K. Reactor physics

TT-65-22511 Field 18K

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PROTON SCATTERING IN A TUNGSTEN SINGLE

CRYSTAL (Rasseyanie Protonov na Monokristalle Volframa). 20p (foreign text included) 3refs. DTC-74.
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TT-65-22512 Field 18K

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19 ORDNANCE

TT-66-13563 Field 19A

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Order from SLA: $2.60 as TT-66-13563

Trans. of Explosivstoffe (West Germany) n12 p275-84 1960.

C. Combat vehicles

TT-66-33818 Field 19C

SOVIET MILITARY TRANSLATIONS NO. 317. History of Soviet Tank Development. 1 Sep 66, 10p. JPRS-37389.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33818

D. Explosions, ballistics, and armor

TT-66-13315 Field 19D

Neumann, H.
ON BALLISTIC MEASUREMENTS OF HIGHLY PERMEABLE MATERIALS. 30p, 14refs.
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TT-66-13381 Field 19D

Aslanov, S. K.
CRITERIA OF THE INSTABILITY OF THE CHAPMAN-ZHUGE DETONATION IN GAS. 7p, 5refs.
Order from SLA: $1.10 as TT-66-13381

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TT-66-13396 Field 19D

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20 PHYSICS

TT-66-33685 Field 20-, 18-

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TT-66-33725 Field 20-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 46. Acta Physica Sinica. 29 Aug 66, 14p. JPRS-37296.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33725

TT-66-33759 Field 20-, 12A

USSR SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 74. 30 Aug 66, 158p. JPRS-37330.
Order from CFSTI or ETC: HC$5.00, MF$1.00 as TT-66-33759

TT-66-33829 Field 20-, 3A, 13B

COMMUNIST CHINA SCIENCE AND TECHNOLOGY: TRANSLATIONS NO. 341. 2 Sep 66, 10p. JPRS-37401.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33829

TT-66-33879 Field 20-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 48. 6 Sep 66, 12p. JPRS-37451.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33879

TT-66-34028 Field 20-, 12-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 49. 14 Sep 66, 21p. JPRS-37600.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-34028

TT-66-34125 Field 20-

COMMUNIST CHINESE SCIENTIFIC ABSTRACTS: PHYSICS AND MATHEMATICS NO. 52. 19 Sep 66, 24p.

JPRS-37697.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as TT-66-34125

B. Crystallography

NCH-205 247 Field 20B

Pashinkin, A. S.; Kovba, L. M.
POLYTYPE MODIFICATIONS OF CADMIUM SULFIDE AND SELENIDE CRYSTALS. 1966, 3p. ATS-20T92R.
Order from ATS: $6.00 as ATS-20T92R

Trans. of Kristallografiya (USSR) v7 p316-8 1962.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

NCH-205 268 Field 20B

Honigmann, B.; Lenne, H. U.; Schrodel, R.
THE RELATIONSHIP BETWEEN THE STRUCTURES OF THE MODIFICATIONS OF PLATINUM AND COPPER PHTHALOCYANAINES AND SOME CHLORO DERIVATIVES. 1966, 16p. ATS-67T91G.
Order from ATS: $24.90 as ATS-67T91G

Trans. of Zeitschrift fuer Kristallographie (West Germany) v122 p185-205 1965.

NCH-205 281 Field 20B, 20L

Richter, H.; Breitling, G.
THE STRUCTURE OF AMORPHOUS GERMANIUM AND SILICON. 1966, 13p. ATS-37T91G.
Order from ATS: $24.75 as ATS-37T91G

Trans. of Zeitschrift fuer Naturforschung (West Germany) v13a p988-96 1958.

TT-65-22513 Field 20B

Tulinov, A. F.; Akhmetova, B. G.;
Puzanov, A. A.; Bednyakov, A. A.
ON A NEW METHOD OF INVESTIGATING THE PROPERTIES OF SINGLE CRYSTALS. 7p (foreign text included) 3refs. DTC-75.
Order from ETC or DTC: $1.10 as TT-65-22513

Unedited draft trans. of Zhurnal Eksperimentalnoi i Teoreticheskoi Fiziki. Pisma v Redaktsiyu (USSR) v2 n1 p48-50 1965.

TT-66-62118 Field 20B

CRYSTAL GROWTH, VOL. IV, 1964: SELECTED ARTICLES. 1 Apr 66, 21p, 11refs.
FTD-MT-65-476; AD-637 445.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-637 445

Edited machine trans. of Rost Kristallov (USSR) v4 p117-21, 162-7 1964.

C. Electricity and magnetism

TT-66-13293 Field 20C

Mueller, F.
THE ELECTRIC BREAKDOWN OF AIR AT VERY HIGH FREQUENCIES. 23p, 11refs.
Order from SLA: $2.60 as TT-66-13293

Trans. of Archiv fuer Elektrotechnik (Germany) v28 n6 p341-8 1934.

TT-66-13321 Field 20C

Piloty, H.
SUPPRESSION OF HARMONICS IN A SUSTAINED SHORT-CIRCUIT CURRENT. 16p (figs tables formulae omitted).
Order from SLA: $1.60 as TT-66-13321

Trans. of ETZ: Elektrotechnische Zeitschrift, Ausgabe. A. Zentralblatt fuer Elektrotechnik (Germany) v47 p1479-82 1926.

TT-66-13424 Field 20C

Kluge, W.
RECENT RESULTS AND PROBLEMS IN THE FIELD OF THE EXTERNAL PHOTOELECTRIC EFFECT. 18p (figs omitted) 24refs.
Order from SLA: $1.60 as TT-66-13424

Trans. of Allgemeine Elektrizitaets Gesellschaft. Forschungs Institut. Jahrbuch (Germany) v11 n2 p115-21 1938/1939.

TT-66-13425 Field 20C

Klemt, A.
HIGH-OHMIC LAYER RESISTANCES AT HIGH FREQUENCIES. 13p (figs omitted) 3refs.
Order from SLA: $1.60 as TT-66-13425

Trans. of Archiv fuer Technisches Messen und Industrielle Messtechnik (Germany) n112 pT117-8 1940.

TT-66-62096 Field 20C, 20D

Kim, K. I.
A PROBLEM OF ELECTRODYNAMICS. 8 Apr 66, 9p, 1ref. FTD-TT-65-1768; AD-637 418.
Order from CFSTI or ETC: HC$1.00, MF$0.50
as AD-637 418

Unedited rough draft trans. of Akademiya Nauk URSR, Kiev. Dopovidi, n10 p1326-30 1964.

D. Fluid mechanics

NCH-203 920 Field 20D

Lyshevskii, A. S.
THE RELATIONSHIPS IN THE DISINTEGRATION OF LIQUID JETS BY MECHANICALLY OPERATED PRESSURE NOZZLES. CHAP. 4. EXPERIMENTAL ANALYSIS OF THE DISINTEGRATION OF LIQUID JETS. Nov 65, 43p, 14refs. SMRE-Trans-5225.
Order from NLL

Trans. of mono. Zakonomernosti Drobleniya Zhidkostei Mekhanicheskimi Forsunkami Davleniya, Novocherkassk, 1961 p75-107.

NCH-204 389 Field 20D, 1A

Grishanin, K. V.
CERTAIN CONFORMAL LAWS RELATING TO THE

TURBULENT BOUNDARY LAYER AT A SMOOTH FLAT PLATE (Nekotore Zakonomernosti Turbulentnogo Pogranichnogo Sloya Na Gladkoi Ploskoi Plastine).
Feb 66, 12p, 13refs. RTS-3179.
Order from NLL: 25s as RTS-3179

Trans. of Inzhenerno-Fizicheskii Zhurnal (USSR) v2 n3 p19-28 1959.

NCH-205 255 Field 20D

Michiyoshi, I.; Matsumoto, R.; Nakai, M.; Kikuchi, S.
FLOW OF SLURRY THROUGH CIRCULAR TUBES. III. VELOCITY DISTRIBUTION IN TURBULENT FLOW.
1966, 19p. ATS-36T92J.
Order from ATS: $24.50 as ATS-36T92J

Trans. of Nihon Genshiryoku Gakkaishi (Japan) v7 n12 p680-6 1965.

TT-65-20550 Field 20D, 1A

Generalov, N. A.; Losev, S. A.; Osipov, A. I.
RELAXATION OF THE VIBRATIONAL ENERGY OF MOLECULES OF AIR BEHIND THE FRONT OF A DIRECT SHOCK WAVE. Tr. by A. Magrath. 9p, 4refs.
MTWL-1367; TRC-1108.
Order from ETC: $1.10 as TT-65-20550

Trans. of Akademiya Nauk SSSR, Doklady, v156 n5 p1057-60 1964.

TT-65-24032 Field 20D

Pavlov, V. M.
USING THE HYDRAULIC INDEX OF A CHANNEL FOR EXTRAPOLATION OF THE DISCHARGE CURVES. 3p.
Order from ETC: $1.10 as TT-65-24032

Trans. of Meteorologiya i Gidrologiya (USSR) n11 p45-7 1962.
Another trans. is available in French from CNRS as CNRS-G/R-2970; Org.1-XII-100.

TT-66-13687 Field 20D

Jacquard, P.; Sequier, P.
MOVEMENT OF TWO FLUIDS IN CONTACT IN A POROUS MEDIUM. 22p (figs formulae omitted).
Order from SLA: $2.60 as TT-66-13687

Trans. of Journal de Mecanique (France) v1 n4 p367-94 1962.

TT-66-13692 Field 20D, 20C

Levin.
ON THE STABILIZING EFFECT OF A LONGITUDINAL MAGNETIC FIELD ON NON-UNIFORM TURBULENT FLOWS OF CONDUCTING LIQUID. 8p (figs formulae omitted) 4refs.
Order from SLA: $1.10 as TT-66-13692

Trans. of Magneto-Fluid Mechanics Journal (sic) n2 p3-10 1965.

TT-66-21844 Field 20D

Gudelis, V.; Jankeviciute, S.; Michaliukaite, F.
A FEW REMARKS ON THE SURF DYNAMICS AT A GENTLY SLOPING SANDY BEACH (Keletas Pastabu del Gozos Srauto Dinamikos Seklios Priekrantes Juros Papludimio Salygomis). 4p. CSIR-tr.530.
Order from CSIR as CSIR-tr.530

Summary trans. of Akademiya Nauk Litovskoi SSR, Vilna. Trudy. Seriya B, n4(43) p123-31 1957.

TT-66-62086 Field 20D

Temnikov, Yu.
THE SUBDUED FOE. 23 Feb 66, 15p. FTD-TT-65-1692; AD-637 385.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-637 385

Unedited rough draft trans. of Znanie-Sila (USSR) v37 n2 p10-2 1962.

TT-66-62093 Field 20D, 20M

JOURNAL OF ENGINEERING PHYSICS, VOL. 7 NO. 7: SELECTED ARTICLES. 1 Apr 66, 22p, 6refs.
FTD-MT-65-184; AD-637 415.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-637 415

Edited machine trans of Inzhenerno-Fizicheskii Zhurnal (USSR) v7 n7 p47-52, 75-9 1964.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-62130 Field 20D, 20K

NEWS OF THE ACADEMY OF SCIENCES OF THE USSR, MECHANICS AND MACHINE BUILDING: SELECTED ARTICLES. 26 Mar 66, 122p, 74refs.
FTD-TT-65-1322; AD-637 582.
Order from CFSTI or ETC: HC$4.00, MF$0.75 as AD-637 582

Unedited rough draft trans. of Akademiya Nauk SSSR. Izvestiya. Mekhanika i Mashinostroenie n5 p3-19, 25-32, 77-82, 108-16, 140-47, 157-67 1964.

TT-66-62148 Field 20D, 20M

Imshennik, V. S.; Morozov, Yu. I.
THE STRUCTURE OF A SHOCK WAVE WITH ACCOUNT TAKEN OF THE TRANSFER OF MOMENTUM AND ENERGY BY RADIATION.
Tr. by W. R. Blake. 12 Jul 66, 34p, 11refs.
TG-230-T489; AD-637 997.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as AD-637 997

Trans. of Zhurnal Prikladnoi Mekhaniki i Tekhnicheskoi Fiziki (USSR) n2 p8-21 1964.
Contract NOw-62-0604-c.

TT-66-62158 Field 20D

G. S. Glushko
TURBULENT BOUNDARY LAYER ON A FLAT PLATE IN AN INCOMPRESSIBLE FLUID (Turbulentnyi Pogranichnyi Sloi na Ploskoi Plastine v Neszhimaemoi Zhidkosti). May 66, 17p, 9refs. TIL/T.5664; AD-638 204.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-638 204

Trans. of Akademiya Nauk SSSR. Izvestiya. Mekhaniks, n4 p13-23 1965.

E. Masers and lasers

TT-66-62091 Field 20E, 7D

JOURNAL OF EXPERIMENTAL AND THEORETICAL PHYSICS. LETTERS TO THE EDITOR, VOL. I, NO. 4 1965: SELECTED ARTICLES. 1 Apr 66, 14p, 9refs. FTD-MT-65-399; AD-637 413.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-637 413

Edited machine trans. of Zhurnal Eksperimentalnoi i Teoreticheskoi Fiziki. Pisma v Redaktsiyu (USSR) v1 n4 p4-9, 21-4 1965.

TT-66-62240 Field 20E

Movsesyan, M. E.; Chilingaryan, Yu. S.
TEMPERATURE DEPENDENCE OF FREQUENCY AND EMISSION WIDTH OF THE R1 LINE OF RUBY. 25 Apr 66, 8p, 4refs. FTD-TT-65-2006; AD-638 901.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-638 901

Unedited rough draft trans. of Akademiya Nauk Armyanskoi SSR, Erevan. Doklady, v39 n4 p217-9 1964.

TT-66-62249 Field 20E, 9E

Bocek, V.; Kment, V.
INTERFERENCE MEASUREMENT OF HOMOGENEITY OF RUBY RESONATOR FOR THE LASER. 31 Aug 66, 13p, 11refs. FTD-TT-66-44; AD-638 978.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-638 978

Unedited rough draft trans. of Jemna Mechanika a Optika (Czechoslovakia) n1 p5-6 1965.

F. Optics

NCH-205 121 Field 20F

A STATISTICAL STUDY OF THE DISTRIBUTION OF DIFFERENCES IN TRANSPARENCY CAUSED BY GRANULARITY. 1966, 16p. TC-1880.
Order from TC: $13.50 as TC-1880

Trans. of Societe Royale des Sciences de Liege. Bulletin (Belgium) v34 n5/6 p266-83 1965.

NCH-205 909 Field 20F, 7B

Bojic, M.
THE APPLICATION OF OPTICAL EMISSION SPECTROMETRY IN THE ANALYSIS OF NON-METALLIC SAMPLES IN THE STEEL INDUSTRY. 25 Aug 66. BISI-4948.
Order from BISI: $14.00 as BISI-4948

Trans. of Revue de Metallurgie (France) v63 p285-95 1966.

TT-66-12835 Field 20F

Gabler, F.; Herzog, F.
ON THE COMBINATION OF THE PHASE CONTRAST PROCESS WITH FLUORESCENCE MICROSCOPY. Jun 65, 13p, 12refs. UCRL-Trans-1228.
Order from SLA: $1.60 as TT-66-12835

Trans. of Applied Optics (U. S.) v4 p469-72 1965

TT-66-13303 Field 20F

Knoll, M.; Ruska, E.
THE ELECTRON MICROSCOPE. 33p (figs omitted) 21refs.
Order from SLA: $3.60 as TT-66-13303

Trans. of Zeitschrift fuer Physik (Germany) v78 n5/6 p318-39 1932.

TT-66-13304 Field 20F

Knoll, M.; Hachenberg, O.; Randmer, J.
ON THE MECHANISM OF THE SECONDARY EMISSION IN THE INTERIOR OF IONIC CRYSTALS. 36p (figs omitted) 31refs.
Order from SLA: $3.60 as TT-66-13304

Trans. of Zeitschrift fuer Physik (Germany) v122 n1/4 p137-62 1944.

TT-66-13415 Field 20F

Koppelmann G.; Krebs, K.
INFLUENCE OF DISPERSION ON DETERMINATION OF OPTICAL FILM THICKNESS. 17p, 7refs.
Order from SLA: $1.60 as TT-66-13415

Trans. of Zeitschrift fuer Physik (West Germany) v145 n4 p486-95 1956.

TT-66-13416 Field 20F

Koppelmann, G.; Krebs, K.
DETERMINATION OF WEAK ABSORPTION IN THIN DIELECTRIC FILMS. 30p, 13refs.
Order from SLA: $2.60 as TT-66-13416

Trans. of Zeitschrift fuer Physik (West Germany) v156 n1 p38-54 1959.

TT-66-13490 Field 20F

Piller, H.
TRANSMITTED LIGHT INTERFERRENCE MICROSCOPY AFTER JAMIN-LEBEDEFF PRINCIPLE. 37p, 15refs. NIH-4-12-65.
Order from SLA: $3.60 as TT-66-13490

Trans. of Zeiss Mitteilungen ueber Fortschritte der Technischen Optik (West Germany) v2 n8 p309-34 1962.

TT-66-13491 Field 20F

Gahm, J.
QUANTITATIVE MEASUREMENTS BY COMPENSATORS IN POLARIZED LIGHT (Quantitative Polarisationsoptische Messungen mit Kompensatoren). Tr. by M. Hajdu. 13 Apr 65, 44p, 18refs. NIH-4-11-65.
Order from SLA: $4.60 as TT-66-13491

Trans. of Zeiss Mitteilungen ueber Fortschritte der Technischen Optik (West Germany) v3 n5 p153-92 1964.

TT-66-20993 Field 20F

Glazman, I. M.
DIRECT METHODS OF QUALITATIVE SPECTRAL ANALYSIS OF SINGULAR DIFFERENTIAL OPERATORS. 234p. IPST-2146.
Order from IPST as IPST-2146

Trans. of mono. Pryamye Metody Kachestvennogo Spektralnogo Analiza Singulyarnykh Differentsialnykh Operatorov, Moscow, 1963.

G. Particle accelerators

NCH-203 152 Field 20G, 20H

Goldin, L. L.
THE STUDY OF CHARGED PARTICLE BEAMS BY MEANS OF PICK-UP ELECTRODES. Tr. by J. Rice. 1965, 10p, 1ref. NLL-M.5802.
Order from NLL as M.5802

Trans. of Unidentified Mono. Moscow, 1965.

TT-66-13524 Field 20G

Gervaise, J.; Mallet, C.
GEOLOGIC AND GEOTECHNICAL STUDIES ON PROPOSED SITES FOR A 300 Gev ACCELERATOR (Etudes Geologiques et Geotechniques sur les Sites Proposes pour un Accelerateur de 300 GeV). Tr. by F. Preddy. Mar 66, 48p, 21refs. UCRL-Trans-1320; AR/Int.SG/65-28.
Order from SLA: $4.60 as TT-66-13524

Trans. of Centre European de Recherche Nucleaire, Geneva. Rept. (Switzerland) AR/Int.SG/65-28, 17 Nov 65.

TT-66-33580 Field 20G, 9B, 4B

Toma, V.
NUCLEAR INSTALLATION AND COMPUTERIZED WEATHER FORECASTING AT RUMANIAN ATOMIC PHYSICS INSTITUTE. 22 Aug 66, 9p. JPRS-37151.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33580

Trans. of Stiinta si Tehnica (Rumania) v18 nº p8-9 1966.

H. Particle physics

NCH-203 149 Field 20H, 21C

Zaslavskii, G. M.; Chirikov, B. V.
ON THE MECHANISM OF FERMI ACCELERATION IN THE ONE-DIMENSIONAL CASE. Tr. by E. Fischer. 1965, 11p, 8refs. NLL-M.5799.
Order from NLL as M.5799

Trans. of Unidentified mono. Novosibirsk, 1964. Supplementary lectrue to the course, The Theory of Dynamical Systems.

NCH-203 151 Field 20H

Lyubimov, A. L.
ENERGY DEPENDENCE OF THE SLOPE OF THE DIFFRACTION CURVES FOR pp, pp, K+p, K-p, n+p and n-p SCATTERING.
Tr. by A. T. Sanders. 1965, 8p, 4refs. JINR-P-22022; NLL-M.5801.
Order from NLL as M.5801

Trans. of Joint Institute for Nuclear Research, Dubna (USSR) JINR-P-2202 1965.

NCH-203 905 Field 20H

Gutko, A. D.
THE EROSION OF PRECIOUS METAL ELECTRODES IN ARC DISCHARGE (Eroziya Elektrodov iz Blagarodnykh Metallov v Dugovom Pazryade). Sep 65, 38p (foreign text included) 70refs. NLL-M.5846.
Order from NLL as M.5846

Trans. of Vsesoyuznoe Soveshchanie po Elektricheskim Kontaktam i Kontaktnym Materialam. Elektricheskie Kontakty. Trudy Soveshchaniya (USSR) v9 p53-73 1964.

TT-65-24312 Field 20H

Funke, G. W.
FUNDAMENTAL RESEARCH. 12p. SNSRC-26.
Order from ETC: $1.60 as TT-65-24312

Trans. of unidentified Russian language mono., n.p., 1959.
Also available from SNSRC as SNSRC-26.

TT-65-32910 Field 20H

REPORTS PRESENTED AT THE THIRD ALL-UNION CONFERENCE OF THE PHYSICS OF ELECTRON AND ATOM COLLISIONS, 21-28 JUNE 1965. 15 Oct 65, 88p. JPRS-32421.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-65-32910

Trans. of mono. Vsesoyuznaya Konferentsiya po Fizike Elektronnykh i Atomnykh Stolknovenii (no. 3) 21-28 Iunya 1965. Tezisy Dokladov, Kharkov, 1965 p3-87.

TT-66-13302 Field 20H

Mueller, J.
EXPERIMENTAL INVESTIGATIONS OF ELECTRON OSCILLATIONS. 14p (figs omitted) 1ref.
Order from SLA: $1.60 as TT-66-13302

Trans. of Hochfrequenztechnik und Elektroakustik (Germany) v43 n6 p195-9 1934.

TT-66-13521 Field 20H, 20F

Schuetz, W.
TOTAL ABSORPTION AS A MEASURE OF THE NUMBER OF DISPERSION ELECTRONS. 19p, 10refs. ORNL-tr-1144.
Order from SLA: $1.60 as TT-66-13521

Trans. of Zeitschrift fuer Astrophysik (Germany) v1 p300-13 1930.

TT-66-13526 Field 20H

Eskreys, A.
THE REACTION OF PIONS WITH NUCLEONS IN THE

RANGE OF ACCELERATOR ENERGIES. 28p.
ORNL-tr-1151.
Order from SLA: $2.60 as TT-66-13526

Trans. of Postepy Fizyki (Poland) v16 n3 p257-78 1965.

TT-66-13561 Field 20H, 12A

Huybrechts, M.
STATISTICAL THEORY OF THE COUNTING OF ALPHA PARTICLES EMITTED BY SUCCESSIVE DISINTEGRATIONS OF RADIOELEMENTS (Theorie Statistique du Compage de Particules Alpha Emises par des Desintegrations Successives d'Elements Radioactifs). Tr. by A. H. Jaffey. 31p, 7refs. ANL-Trans-30.
Order from SLA: $3.60 as TT-66-13561

Trans. of Nuovo Cimento (Italy) v6 n10 p811-31 1957.

TT-66-23806 Field 20H

Budker, G. I.; Dimov, G. I.; Popov, A. G.; Sviridov, Yu. K.; Sukhina, B. N.
EXPERIMENTAL STUDY OF CHARGE EXCHANGE INJECTION OF PROTONS INTO ACCELERATOR AND STORAGE RINGS. Tr. by A. T. Sanders.
10p, 2refs. CERN-Trans.66-2.
Order from ETC: $1.10 as TT-66-23806

Trans. of Atomnaya Energiya (USSR) v19 n6 p507-10 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

TT-66-24790 Field 20H, 18K

Abov, Yu. G.
HOW TO PRODUCE A POLARIZED BEAM OF THERMAL NEUTRONS BY MEANS OF COBALT MIRRORS PLACED IN A PILE (Poluchenie Polyarizovannogo Puchka Teplovykh Neitronov s Pomoshchyu Stopki Kobaltovykh Zerkal). 2p. DTC-99.
Order from ETC or DTC: $1.10 as TT-66-24790

Unedited draft trans. of Institut Teoreticheskoi i Eksperimentalnoi Fiziki. Rapport (USSR) n375 1965.

TT-66-62247 Field 20H, 20K, 11F

Skripof, F. N.; Wang I-tseu; Ma Ying-liang; Ke Ting-sui.
JOURNAL OF PHYSICS: 1964, VOL. 20, NO. 1: SELECTED ARTICLES. 31 May 66, 53p, 34refs.
FTD-TT-65-1051; AD-638 976.
Order from CFSTI or ETC: HC$3.00, MF$0.50 as AD-638 976

Unedited rough draft trans. of Wu Li Hsueh Pao (Chinese People's Republic) v20 n1 p41-54, 72-82 1964.

I. Plasma physics

TT-65-29055 Field 20I

Lifshits, E. V.; Krivulya, S. S.; Us, V. S.
HIGH-FREQUENCY FIELD STRENGTH MEASUREMENTS IN A PLASMA BY MEANS OF THE STARK EFFECT. II (Vimiryuvaniya Napruzhenosti Visokochastotnogo Polya v Plazmy za Dopomogoyu Efektu Shtarka. II). 21p (foreign text included) 7refs. DTC-72.
Order from ETC: $2.60 as TT-65-29055

Trans. of Ukrayinskyi Fizichnyi Zhurnal (USSR) v8 n12 p1328-34 1963.
Also available from DTC.

TT-66-13320 Field 20I

Penning, F. M.
THE ACTION OF POSITIVE IONS IN AN INDEPENDENT GAS DISCHARGE. 21p, 15refs.
Order from SLA: $2.60 as TT-66-13320

Trans. of Physica (Netherlands) v8 n1 p13-23 1928.

TT-66-33534 Field 20I, 5I

NEWS OF SOVIET SCIENTIFIC ORGANIZATIONS: (SELECTED ARTICLES). 18 Aug 66, 27p. JPRS-37105.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-33534

TT-66-60520 Field 20I

Silin, V. P.
ON THE CONDUCTIVITY OF PLASMA IN STRONG ELECTRIC AND MAGNETIC FIELDS. 10 May 65, 8p, refs. NASA-TT-F-9677; N66-11171.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as N66-11171

Trans. of Akademiya Nauk SSSR. Doklady. Seriya Matematika, Fizika, v161 n1/3 p328-31 1965.

TT-66-62099 Field 20I

Galeev, A. A.; Karpman, V. I.; Sagdeev, R. Z.
MANY-PARTICLE ASPECTS OF THE THEORY OF TURBULENT PLASMA. 21 Mar 66, 68p, 25refs.
FTD-TT-65-1891; AD-637 421.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as AD-637 421

Unedited rough draft trans. of unidentified mono., n.p., 1964 (pub. by Akademiya Nauk SSSR. Sibirskoe Otdelenie. Institut Yadernoi Fiziki).

TT-66-62197 Field 20I

Genkin, A. L.
LAMINAR MAGNETO-GASODYNAMIC BOUNDARY LAYER ON A CONDUCTING SURFACE IN CROSSED ELECTRIC AND MAGNETIC FIELD (Laminaznyi Magnito-Gasodinamicheskii Pogranichnyi Sloiyi na Provodiasceyi Povezhnosti v Skreschennykh Electro i Magnit Poliach). Aug 66, 16p, 4refs.
AERDL-T-1869-66; AD-638 667.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-638 667

Trans. of Teplofizika Vysokikh Temperatur (USSR) v3 n3 p401-8 1965.

K. Solid mechanics

NCH-203 059 Field 20K

Shirinkulov, T.
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NCH-203 919 Field 20K

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NCH-203 974 Field 20K

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NCH-203 978 Field 20K, 21E, 13I

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NCH-205 434 Field 20K

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TT-65-24033 Field 20K

Kupradze, V. D.
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Order from IPST as IPST-2109

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TT-66-62112 Field 20K

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NCH-203 183 Field 20L, 14B, 9C

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Order from NLL

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NCH-203 943 Field 20L, 20H

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NCH-203 980 Field 20L

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Order from NLL

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NCH-205 248 Field 20L

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ELECTRICAL PROPERTIES OF SELENIUM SINGLE CRYSTALS. 1966, 7p. ATS-79T91R.
Order from ATS: $11.65 as ATS-70T91R

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NCH-205 252 Field 20L

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EFFECT OF ADDITION OF CADMIUM ON THE ELECTRICAL PROPERTIES OF SELENIUM. 1966, 4p. ATS-19T92R.
Order from ATS: $9.00 as ATS-19T92R

Trans. of Akademiya Nauk Azerbaidzhanskoi SSR, Baku. Izvestiya. Seriya Fiziko-Matematicheskikh i Tekhnicheskikh Nauk, n2 p83-6 1965.

NCH-205 253 Field 20L

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AN INVESTIGATION OF THE ELECTRICAL CONDUCTIVITY OF ORGANIC SEMICONDUCTORS DURING MELTING. 1966, 6p. ATS-68T91R.
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NCH-205 263 Field 20L

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CHARACTERISTICS OF THE CLASS OF PHOTOLUMINOPHORS BASED ON SULFATES. 1966, 6p. ATS-04T92R.
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TT-65-25091 Field 20L

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Order from ETC or TIB: $2.60 as TT-65-25091

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TT-66-13235 Field 20L, 7D

Reupert, W.
THE ETCH-RATE OF SILICON DIOXIDE LAYERS ON SILICON. 2p.
Order from SLA: $1.10 as TT-66-13235

Trans. of Physica Status Solidi (Germany) v14 n2 pK181-2 1966.

TT-66-13562 Field 20L

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Order from SLA: $2.60 as TT-66-13562

Trans. of Commissariat a l'Energie Atomique. Rept. (France) n372 Mar 1964.

TT-66-13564 Field 20L

Grassman, P.
INVESTIGATION OF THE MICRORESISTANCE OF SUPERCONDUCTORS. 19p, 12refs. MATT-Trans-28.
Order from SLA: $1.60 as TT-66-13564

Trans. of Physikalische Zeitschrift (Germany) v37 p569-78 1936.

TT-66-62109 Field 20L

Bruch, H.; Goerlich, P.
THE DIFFUSION OF GASES IN ULTRA-PURE CaF2 AND SrF2 CRYSTALS. 8 Apr 66, 21p, 12refs. FTD-TT-65-1747; AD-637 436.
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TT-66-62164 Field 20L

Krivov, M. A.; Malisova, E. V.; Shishkov, G. S.
ELECTRIC PROPERTIES OF GALLIUM ARSENIDE

WITH ADMIXTURE OF GOLD. Jun 66, 5p, 3refs. NSTIC-Trans-1769; AD-638 456.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-638 456

Trans. of Izvestiya Vysshikh Uchebnykh Zavedenii. Fizika (USSR) n3 p148-50 1965.

M. Thermodynamics

TT-65-25092 Field 20M, 20C, 14B

Svede-Shvets, N. I.; Pridantsev, M. V.
A THERMO COUPLE FOR RAPID MEASUREMENT OF TEMPERATURES UP TO 2300 DEGREES (Termopara dlya Kratkovremennykh Izmerenii Temperatur, Dostigayushchikh 2300°). 52p (foreign text included) 17refs.
Order from ETC or TIB: $5.60 as TT-65-25092

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TT-66-12941 Field 20M

Dupre, M.; Elston, J.; Sicard, L.
HIGH-TEMPERATURE CALORIMETRY (Calorimetrie a Haute Temperature). 7p (foreign text included) 4refs. AEC-tr-6453.
Order from SLA: $1.10 as TT-66-12941

Trans. of Academie des Sciences, Paris. Comptes Rendus (France) v256 p90-2 1963.

TT-66-12944 Field 20M, 18J

Lallement, R.
DILATATION AND THERMOELECTRIC POWER OF ALPHA PLUTONIUM AT LOW TEMPERATURE. Tr. by G. R. Riese. 6 May 64, 16p, 18refs. LA-tr-64-5.
Order from SLA: $1.60 as TT-66-12944

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TT-66-13684 Field 20M, 20C

Blums, E. Ya.
THE REYNOLDS ANALOGY IN MAGNETIC THERMOPHYSICS. 11p, 11refs.
Order from SLA: $1.60 as TT-66-13684

Trans. of Akademiya Nauk Latviskoi SSR, Riga. Izvestiya. Seriya Fizicheskikh i Tekhnicheskikh Nauk (USSR) n2 p3-9 1966.

TT-66-62088 Field 20M, 20D, 1A

Zhurauskas, A. A.; Ambrazyavichyus, A. B.; Zhyugzhda, I. I.
THE EFFECT OF A NONISOTHERMAL SURFACE ON HEAT EXCHANGE OF A PLATE IN A LONGITUDINAL FLOW. 21 Mar 66, 11p, 24refs. FTD-TT-65-1975; AD-637 388.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-637 388

Unedited rough draft trans. of Inzhenero-Fizicheskii Zhurnal (USSR) v7 n4 p3-7 1964.

TT-66-62110 Field 20M

Glushko, V. P.; Gurvich, L. V.; Medvedev, V. A.
REFERENCE BOOKS BEING PREPARED IN THE SOVIET UNION ON THE THERMODYNAMIC PROPERTIES OF SUBSTANCES. 23 Feb 66, 10p. FTD-TT-65-1709; AD-637 437.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-637 437

Unedited rough draft trans. of Mezhdunarnodnoe Agentstvo po Atomnoe Energie Komissiya po Termodinamike Termokhimik Mekhdunarodigo Soyuza Chistoe i Prikladnoe Khimie, Vienna, 22-27 Jul 65. Paper, n.p., n.d. 8p.

N. Wave propagation

TT-66-13297 Field 20N, 14C

Narath, A.
RESEARCHES ON NON-LINEAR DISTORTIONS IN THE SOUND RECORDING SYSTEM ACCORDING TO THE VARIABLE DENSITY PRINCIPLE. 42p (figs omitted) 6refs.
Order from SLA: $4.60 as TT-66-13297

Trans. of Zeitschrift fuer Technische Physik (Germany) v13 n1 p17-31 1932.

TT-66-33544 Field 20N

ALL-UNION SCIENTIFIC SESSION, DEVOTED TO RADIO DAY (NO. 22): SECTION ON PROPAGATION OF RADIO WAVES. 19 Aug 66, 60p. refs. JPRS-37115.
Order from CFSTI or ETC: HC$3.00, MF$0.75 as TT-66-33544

Trans. of mono. Vsesoyuznaya Nauchnaya Sessiya, Posvyashchennaya Dnyu Radio (no. 22): Sektsiya Rasprostraneniya Radiovoln, Moscow, 1966 p3-46.

TT-66-33779 Field 20N, 22B

Shlionskii, Sh. G.
ATTENUATION OF RADIATION FROM ARTIFICIAL EARTH SATELLITES IN ABOVE-SURFACE TRAJECTORIES. 30 Aug 66, 13p, 9refs. JPRS-37350.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33779

Trans. of Geomagnetizm i Aeronomiya (USSR) v5 n6 p1061-7 1965.
For another listing of this journal see 'Translated or Abstracted Publications,' in TT Vol. 16, No. 4.

21 PROPULSION AND FUELS

B. Combustion and ignition

NCH-204 390 Field 21B

Kiselgof, M. L.; Sheinin, G. A.
RATIONAL METHODS OF FUEL COMBUSTION WITH SMALL ESCAPE OF SUSPENDED PARTICLES (Ratsionalne Metody Szhiganiya Topliv s Malym

Vykhodom Letuchikh). Feb 66, 14p. RTS-3185.
Order from NLL: 10s as RTS-3185

Trans. of Energetik (USSR) v3 n11 p1-4 1955.

TT-66-62101 Field 21B, 13A

Kulagin, L. V.; Dobrikov, K. F.; Okhotnikov, S. S.
ANALYSIS OF METHODS OF DETERMINING LOSSES OF FUEL DUE TO MECHANICAL INCOMPLETENESS OF COMBUSTION. 1 Apr 66, 20p, 3refs.
FTD-MT-65-327; AD-637 428.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-637 428

Edited machine trans. of Vsesoyuznyi Nauchno-Issledovatelskii Institut Zheleznodorozhnogo Transporta. Trudy (USSR) n264 p30-40 1964.

TT-66-62119 Field 21B

Ilyashenko, S. M.; Talantov, A. V.
THEORY AND ANALYSIS OF STRAIGHT-THROUGH-FLOW COMBUSTION CHAMBERS. 7 Apr 66, 295p, 149refs. FTD-MT-65-143; AD-637 446.
Order from CFSTI or ETC: HC$6.00, MF$1.50 as AD-637 446

Edited machine trans. of mono. Teoriya i Raschet Pryamotochnykh Kamer Sgoraniya, Moscow, 1964 306p.

TT-66-62236 Field 21B

Khovostov, V. I.; Solonin, V. I.
TEST-STAND STUDY OF A FORCED JET CHAMBER FOR LIQUID FUEL. 31 Aug 66, 21p, 5refs.
FTD-HT-66-195; AD-638 897.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-638 897

Unedited rough draft trans. of Teploenergetika (USSR) v10 n5 p77-81 1965.

TT-66-62276 Field 21B, 21D, 21H

Krajewski, H.
CERTAIN PROBLEMS OF UNSTABLE COMBUSTION IN ROCKET ENGINE CHAMBERS DRIVEN BY LIQUID FUEL. 18 Apr 66, 18p. FTD-TT-65-1728; AD-639 063.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-639 063

Unedited rough draft trans. of Technika Lotnicza (Poland) n12 p302-5 1964.

D. Fuels

NCH-201 923 Field 21D

Seo, M. et al.
STUDY ON THE SUITABILITY OF CRUDE OIL IN DIESEL ENGINES. 1965, 26p. BSRA-2092.
Order from BSRA: L5 as BSRA-2092

Trans. of Zosen Kyokai Rombun Shu (Japan) n113 p201ff 1963.

NCH-203 069 Field 21D, 21B

Chukhanov, Z. F.
SOME PROBLEMS OF FUEL AND POWER, CHAPTERS 2, 4. Apr 65, 169p, 122refs.
SMRE-Trans-5144.
Order from NLL

Trans. of mono. Nekotore Problemy Topliva i Energetiki, Moscow, 1961 p25-40, 149-254.

TT-65-23757 Field 21D

Probst, A. E.; Sokolov, Yu. A.; Makarova, T. A.
THE COST OF FUELS IN THE SOVIET UNION. 38p.
Order from ETC: $3.60 as TT-65-23757

Partial trans. of mono. Sravitelnye Tekhniko-Ekonomicheskye Pokazateli po Dobyche i Transportu Topliva po Rayonam SSSR, Moscow, 1964.

TT-65-23788 Field 21D

Sergienko, S. R.
HIGH-MOLECULAR COMPOUNDS IN PETROLEUM. Tr. by J. Schmorak. 440p, 9refs. IPST-2118.
Order from IPST as IPST-2118

Trans. of mono. Vysokomolekulyarnye Soedineniya Nefti, Moscow, 1964.

TT-66-13431 Field 21D

Hammerich, T.; Schildwaechter, H.
AN EXACT LABORATORY METHOD FOR DETERMINING THE CHARACTERISTICS OF CARBURETOR FUELS WITH REGARD TO THEIR TENDENCY TO CARBURETOR ICING AS WELL AS FOR ASSESSING SPECIFIC ADDITIVES. 14p, 2refs.
Order from SLA: $1.60 as TT-66-13431

Trans. of Erdoel und Kohle-Erdgas-Petrochemie (West Germany) v18 n12 p972-6 1965.
Paper presented at the annual Conference of the German Society of Petroleum Science and Carbon Chemistry (no. 17) Hannover, 7 Oct 65.

E. Jet and gas turbine engines

NCH-200 621 Field 21E

Bogomolov, S. I.
ON THE VIBRATIONAL RELIABILITY OF STEAM TURBINE MOVING BLADES. 1965, 8p, 13refs.
CE-Trans-3733.
Order from NLL as CE-Trans-3733

Trans. of Elektricheskie Stantsii (USSR) v35 n3 p25-7 1964.

NCH-203 951 Field 21E

Bedrynskii, A. A.
APPROXIMATE CALCULATION OF THE STEADY-STATE TEMPERATURES OF STEAM-TURBINE ROTORS. 26 Nov 65, 10p, 3refs. TP/T-3792.
Order from NLL

Trans. of Energomashinostroenie (USSR) v11 n4 p19-22 1965.

NCH-203 952 Field 21E

Kashtelyan, V. E.
HIGH-SPEED GOVERNING OF STEAM TURBINES IMPROVES POWER SYSTEM STABILITY.
27 Oct 65, 15p, 10refs. TP/T-3790.
Order from NLL

Trans. of Elektrichestvo (USSR) n4 8p 1965.

NCH-203 953 Field 21E

Yampoliskii, E. L.
THE EFFECT DESIGN AND OPERATIONAL FACTORS UPON THE EFFICIENCY OF TURBINE THRUST BEARINGS, METHODS OF SUPERVISING THEIR OPERATION AND OF PROTECTING THEM FROM BREAKDOWN DAMAGE. 1966, 8p, 16refs.
EECL-Lib-Trans-1354.
Order from NLL

Trans. of Energomashinostroenie (USSR) v11 n7 p17-21 1965.

TT-66-62087 Field 21E

Proskuryakov, G. V.
SELECTION OF THE OPTIMAL DEGREE OF REACTION OF THE STAGES OF A GAS TURBINE WITH UNSHROUDED BLADES. 8 Apr 66, 22p, 17refs. FTD-TT-65-1721; AD-637 386.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-637 386

Unedited rough draft trans. of Energomashinostroenie (USSR) v11 n5 p14-7 1965.

TT-66-62115 Field 21E, 20M

Pahota, K.
COOLING OF GAS TURBINE COMPONENTS SUBJECT TO HIGH TEMPERATURES. 26 Mar 66, 15p, 4refs. FTD-TT-65-1216; AD-637 442.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-637 442

Edited trans. of Energia es Atomecknika (Hungary) n2 p62-6 1964.

G. Reciprocating engines

NCH-205 555 Field 21G

Neudachin, G. I.
THE HYDRAULIC PISTON ENGINE AND SOME EXAMPLES OF ITS USE IN DRIVING DRILLING MECHANISMS. 1966, 3p. ATS-79T91R.
Order from ATS: $7.25 as ATS-79T91R

Trans. of Razvedka i Okhrana Nedr (USSR) v31 n9 p23-5 1965.

NCH-205 907 Field21G

Thielmann, H.
MARINE CRANKSHAFTS FROM A PRODUCER'S POINT OF VIEW. 25 Aug 66. BISI-4892.
Order from BISI: $25.20 as BISI-4892

Trans. of Conference on Special Crankshaft Problems Organised by Norske Veritas, 16 Nov 64, n.p.; n. d. p12-28.

TT-66-33882 Field 21G, 11I, 13I

COMMUNIST CHINA: ECONOMIC TRANSLATIONS NO. 11. 6 Sep 66, 38p. JPRS-37454.
Order from CFSTI or ETC: HC$2.00, MF$0.50 as TT-66-33882

22 SPACE TECHNOLOGY

A. Astronautics

TT-66-23205 Field 22A

PROGRESS REPORT ON ZOND 3. Tr. by J. W.T. Palmer. 2p. RAE-LPT-98.
Order from ETC or SLA: $1.10 as TT-66-23205

Extract trans. of Pravda, Moscow (USSR) 3 Mar 1966.

TT-66-25035 Field 22A, 22B

THE FLIGHTS OF PROTON 3, COSMOS 123, 124, 125 AND 126. Tr. by J. W. T. Palmer. 9 Aug 66, 3p. RAE-LPT-107.
Order from ETC or SLA: $1.10 as TT-66-25035

Extract trans. of Pravda (USSR) 7, 9, 15, 21, 29 Jul 66.

B. Spacecraft

TT-66-23204 Field 22B

THE FLIGHTS OF COSMOS 104-108. Tr. by J. W. T. Palmer. 4p. RAE-LPT-94.
Order from ETC or SLA: $1.10 as TT-66-23204

Extract trans. of Pravda, Moscow (USSR) 8 Jan; 23 Jan; 26 Jan; 11 Feb; 13 Feb 1966.

TT-66-25107 Field 22B

THE FLIGHTS OF COSMOS 120, 121 AND 122. Tr. by J. W. T. Palmer. 6 Jul 66, 2p. RAE-LPT-106.
Order from ETC or SLA: $1.10 as TT-66-23205

Extract trans. of Pravda (USSR) 9, 18, 26 Jun 66.

TT-66-33556 Field 22B

Ill, M.
ACTIVITIES OF THE HUNGARIAN OBSERVATION NETWORK FOR ARTIFICIAL SATELLITES. 19 Aug 66, 14p. JPRS-37127.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33556

Trans. of Magyar Tudomany (Hungary) n5 p297-305 1966.

TT-66-33686 Field 22B

Kamanin, N.
SUPERIOR TECHNICAL FEATURES OF THE SOVIET SPACE VEHICLE 'VOSKHOD'. 26 Aug 66, 7p. JPRS-37257.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33686

Trans. from Krasnaya Zvezda (USSR) 27 Oct p2-3 1964.

TT-66-62226 Field 22B

Tolkachev, K.
LUNA-9 AT THE EXHIBITION OF ECONOMIC ACHIEVEMENTS OF THE USSR. 31 Aug 66, 5p. FTD-HT-66-345; AD-638 876.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-638 876

Unedited rough draft trans. from Pravda (USSR) 28 Mar p6 1966.

TT-66-62231 Field 22B

TRACKING A SPACESHIP. 6 Apr 66, 24p. FTD-TT-65-1706; AD-638 881.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as AD-638 881

Unedited rough draft trans. of Aero-Sport (East Germany) n9 p290-7 1965.

TT-66-33724 Field 22B

Fedorov, E.
WEATHER SATELLITES: SOVIET VIEWS AND DEVELOPMENTS. 29 Aug 66, 9p. JPRS-37295.
Order from CFSTI or ETC: HC$1.00, MF$0.50 as TT-66-33724

Trans. from Izvestiya (USSR) 21 Aug p5 1966.

C. Spacecraft trajectories and reentry

TT-66-62111 Field 22C

RE-ENTRY HEATING OF SPACE VEHICLES. 8 Apr 66, 6p. FTD-TT-65-1765; AD-637 438.
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